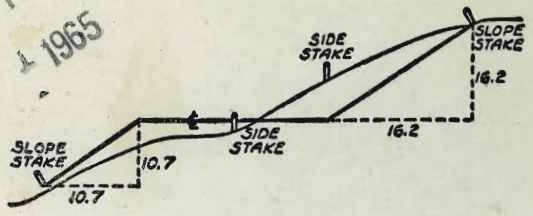
2179



Distances from Side Stakes for Cross-Sectioning

Slope 1 to 1. Roadway of Any Width

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

INDEX

TORREY PINES Road

(La Jolla Shores Drive)
Avenida De La Playa to Calle De La Plata.

12-5-51

W.O. 250020

Sommermeyer
Begg
R. Sisson
Oltman

Reduced 12-6-51 F.O. Finnell

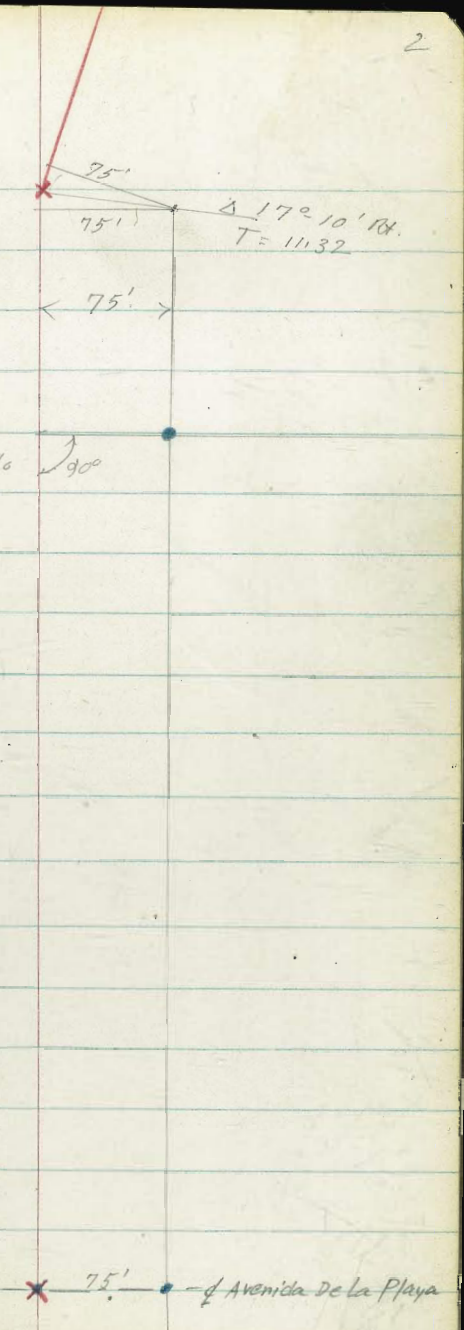
INDEXED
Land
DEC 6 1951

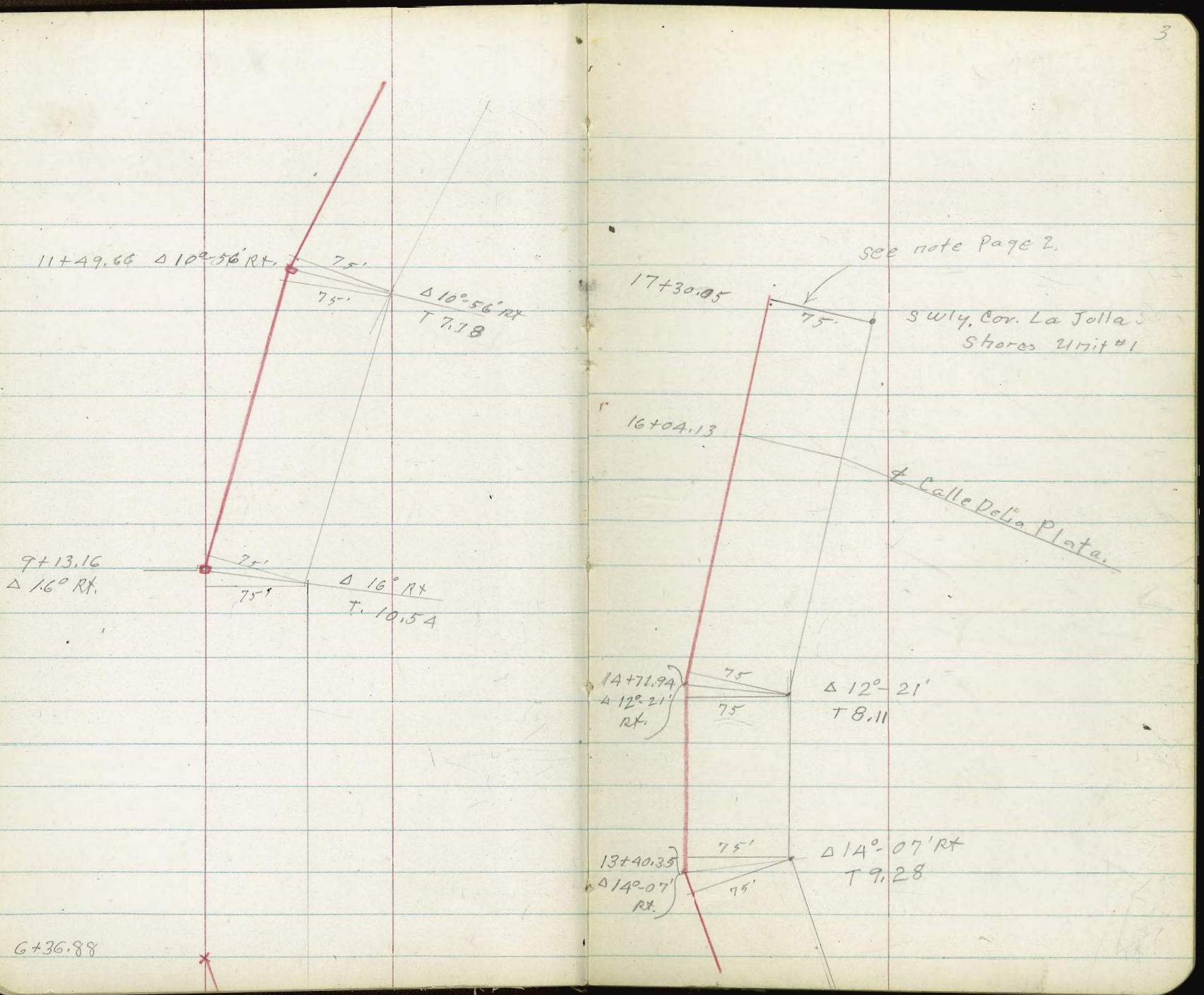
line run as per. map # 1913 comes in at 17+30 ± at a point 76.5 Sly. (or left) of cons. mon. which is SWly. Cor. La Jolla Shores Unit #1

Line angled more to right at 6+36.88 so as to come in at correct position 75' Sly. of mon. at 17+30. Change of angle not figured the 15' difference pro-rated along line 6+36.88 to 17+30. (Prorate = 0.14' per 100')

Level outs from corrected line.

These notes are for making estimate of Job only, not for construction.




11+49.66 Δ 10°-56' Rt.
75'
75'
Δ 10°-56' Rt
T 7.78
9+13.16
Δ 16° Rt
75'
75'
Δ 16° Rt
T. 10.54
6+36.88
see note Page 2.
17+30.05
75'
S wly. Cor. La Jolla Shores Unit #1
16+04.13
℄ Calle Della Plata.
14+71.94
Δ 12°-21' Rt.
75
75
Δ 12°-21'
T 8.11
13+40.35
Δ 14°-07' Rt.
75'
75'
Δ 14°-07' Rt
T 9.28

La Jolla Shores Drive
(Torrey Pines Road)

levels for Estimate only

5+37 = Aprox. Pave B.C.		40.22		32.63
T.P. #5	7.59	~~39.22~~	0.35	~~31.63~~
3+00				
		32.98		23.09
T.P. #4	9.89	~~31.98~~	~~1.44~~	~~22.09~~
0+40				
		23.53		16.63
T.P. #3	6.90		1.81	
T.P. #2	7.03	18.44	2.04	11.41
T.P. #1	9.13	16.80	7.59	9.21
			—	7.67

This rod should have been 0.44 see p. 7.

cb. = top of curb.

E.P. = edge of Existing Pave

0+00

33.18 33.15 33.76

7.07 7.07 7.46

3.2 40.22 14.3

E.P. E.P.

25.9 25.5 22.7 22.3 28.0 25.6 25.98 26.15 26.44 24.4 25.06

7.1 7.5 10.3 10.7 5.0 7.4 7.00 6.83 6.84 8.6 7.92

75 37 32 20 12 9 39 E.P. 14 = E.P. 55= 55= ac

32.98

20.7 20.5 17.9 21.0 18.9 18.93 17.07 18.93 17.48 17.99

2.8 3.0 5.6 2.5 4.6 4.58 4.46 4.60 6.05 5.54

75 32 18 10 8 38 E.P. 14 = E.P. 58 = 58 = on cl. Rot.

18.71

5.12

23.53

This shows as 16.69 FB. 2068 - p 16
Lt. & Avenida De La Playa W. line La Jolla Shores Dr.

N.E.B.P. Calle De La Plata + Paseo Dorado

T.P. #7 7.70 54.27 53.87 3.51 46.57 45.57

12+00

50.1 45.47 45.25 44.84 42.7 42.3
0.0 4.61 4.83 5.24 7.9 7.8
75 9.3 8 5.3 5.5
E.P. E.P. " curb
sunken
N.G.

43.83 43.74 43.19
6.25 6.34 6.89
7 10.5
E.P. E.P.

5008

11+49.66 on split of Δ

T.P. 9.78 50.08 49.08 2.16 40.30 39.30

9+13.16 on split of Δ

37.35 37.50 37.09
4.91 4.96 5.37
Hub 17 19
E.P. E.P.

9+00

40.1 39.9 36.9 37.3 39.4 37.5 37.4 37.5 36.99 35.4 36.11
2.4 2.0 5.6 5.2 3.1 5.0 5.1 5.18 5.47 7.1 6.35
75 26 23 10 4 2 0.7 18.4 55 55
E.P. E.P. cb

4246

T.P. #6 5.49 42.46 41.46 3.25 36.97 35.97

6+36.88 on split of Δ

35.55 35.14 34.54
4.69 5.09 5.68
Hub. 3.4 21
E.P. E.P.

6+00

35.7 35.6 31.5 31.0 36.9 34.2 34.42 34.43 33.80 31.0 31.45
4.15 4.6 8.7 9.2 3.3 6.0 5.80 5.79 6.42 9.2 8.77
75 34 31 18 10 7 0.8 17.3 55.3 55.2
E.P. E.P. cb

4022

See check - P-7

				+ 0.03
				7.70
Orig. B.M.			5.32	~~6.70~~ (7.67)
		13.02		7.16
T.P. #13	5.86	~~+2.02~~	8.15	~~6.16~~
		15.31		13.31
T.P. #12	2.00	~~+4.31~~	12.11	~~+2.31~~
		25.42		24.98
T.P. #11	0.44	~~24.42~~	12.69	~~23.98~~
		37.67		36.52
T.P. #10	1.15	~~36.67~~	12.95	~~35.52~~
		49.47		49.27
T.P. #9	0.20	~~48.47~~	12.14	~~48.27~~

19' Rt.: edge La Jolla rd. strip Pave.

16+04.13 = 90° to ℄ Calle

		61.41		53.50
T.P. #8	7.91	~~60.41~~	0.77	~~52.50~~

14+71.94 on split of Δ

13+40.35 on split of Δ

4

orig. B.M.

58.38	58.51	57.86	55.75	53.90	
3.03	2.90	3.55	5.66	7.51	
11		19	55	7.5	
E.P.		on Pave			
	61.41				

53.63	53.74	53.73	52.82	50.4	51.98
0.64	0.53	0.54	1.45	3.4	2.39
11		3	20±	55	55
E.P.	on Pave		E.P.		cb

49.57	49.67	46.4	47.31	
4.70	5.60	7.9	6.96	
Pave	19±	55±	55±	
	E.P.		cb	

54.27

Check levels
(orig - P4):

T.P.			3.28	23.10	T.P. #4 - P.4 (22.09)
T.P.	9.74	26.38	1.26	16.64	T.P. #3 - P-4 (16.63)
T.P.	7.22	17.90	2.16	10.68	
T.P.	3.62	12.84	7.44	9.22 (9.21)	= T.P. #1 - P4
	8.99	16.66	—	7.67	Orig B.M. - P.4

Survey Los Chollas Creek, (Main Channel)

JUN 22 1953

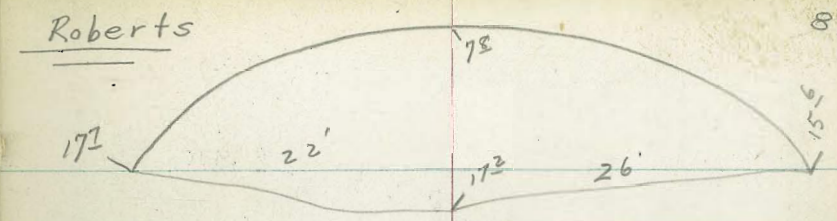
Roberts

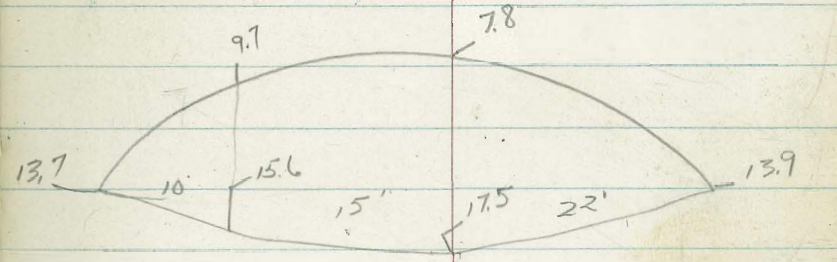
8

Nly Face

41'

Bridge Imperial at 34th Sly Face



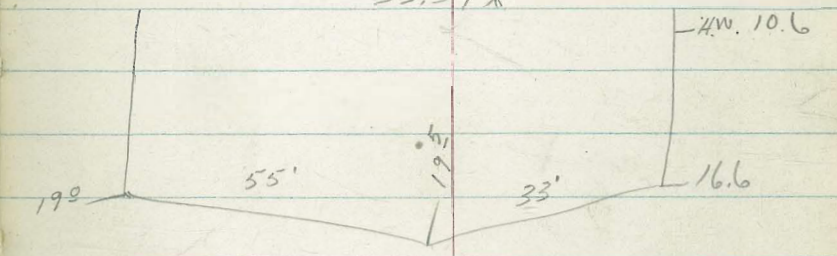


BM 3.82 33.39 T 29.57 BT, in Bridge

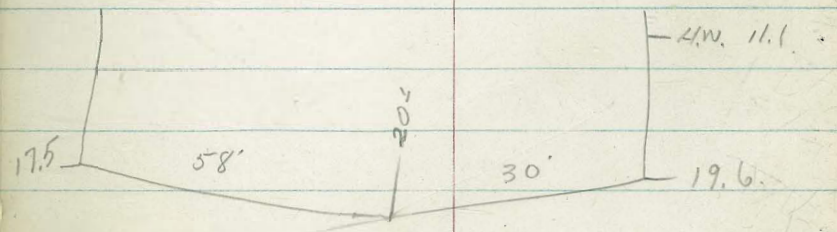
33.39 T

Ely Face

68'



Bridge in Main St. So. of 32nd Wly Face



BM 7.07 13.35 T 6.28 Rigol E Main

13.35 T

Ely Face

38'

Bridge in 54th No. of Streamview wly Face

BM 4.00 251.97 Δ 247.97 NW Cor. Brid.

Nly Face

53'

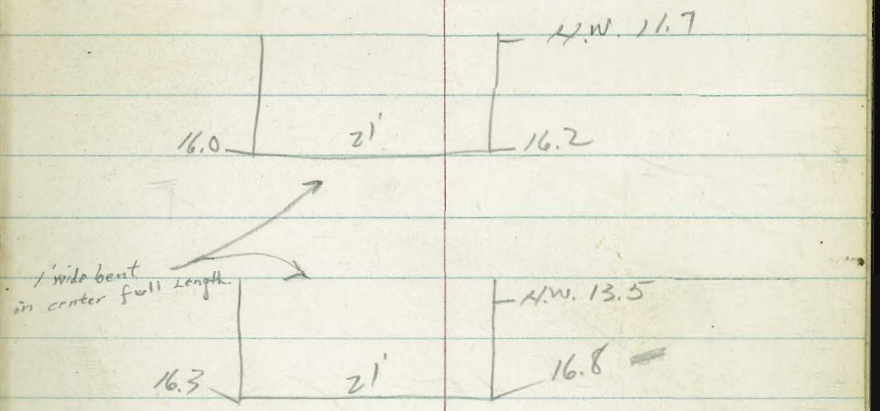
Bridge at Market sly Face

BM 9.61 50.38 Δ

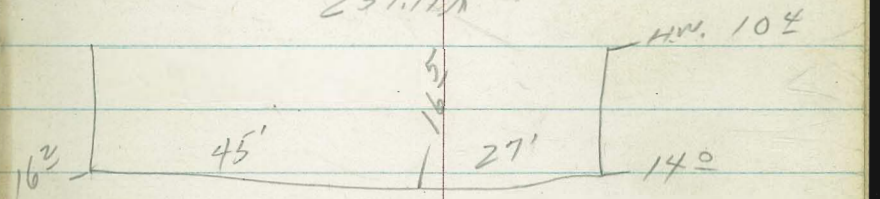
N.G. 1' (40.70)

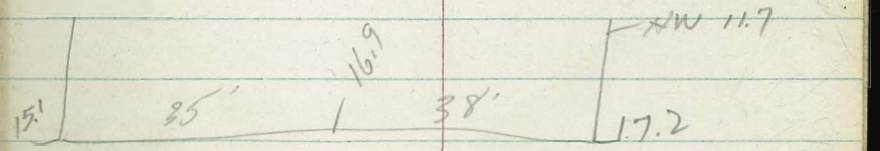
40.77 SEBP
53d & Market

Curb



251.97 Δ





50.38 Δ

H.W. = 3.8' above invert in Culvert at Ely Face of Los Peletos & Main St.

H.W. = 3.0' above invert in culvert at Wly Face of Los Peletos & Main St.

H.T. = 1.4' below invert of culvert at Wly Face of Culvert at Los Peletos & Main

H.T. = 4.3' above invert of culvert at Sly Face at Los Peletos & Division

H.T. = 3.6' above invert of culvert at Nly Face at Los Peletos & Division

H.T. = 4.6' above invert Nly Face } culvert at Los Peletos & 4th in Nat'l City

H.T. = 4.9' " " Sly Face }

H.T. = 0.7' below bottom of Stringer of So. Pac. R.Ry bridge & Los Peletos Creek

H.T. = 0.6' below bottom of Stringer of Santa Fe R.Ry bridge & Los Peletos next to U.S. 101 Hwy.

H.T. = -1.0 Elev. at U.S. 101 Hwy Bridge & Cholles

" -1.0 " Santa Fe Bridge "

" -1.0 " So. Pac. " "

" -1.0 " Wly Face 32nd st " "

" -0.9 " Ely " " " "

" -0.9 " Navy Foot " "

" -0.9 " Wly Main st. " "

HW +2.0 ? " Wly " " " "

H.T. -0.4 ? " Ely " " " "

HW +3.0 ? " " " " " "

H.T. -1.2 " Rigel " " So. Branch "

H.T. -1.5 " National Ave. " Main "

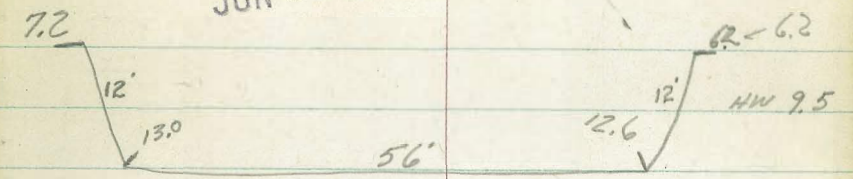
X-Sect Channel - 205 Chollas

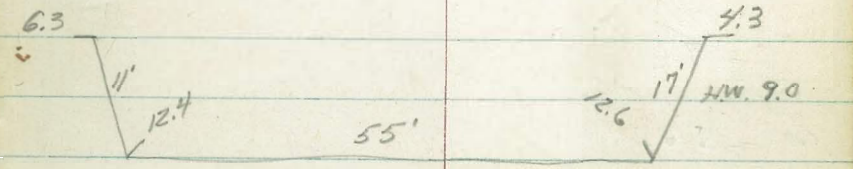
So. Branch

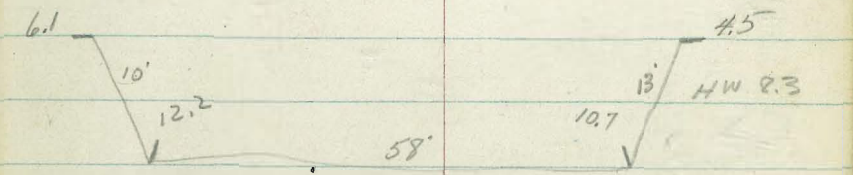
Ocean View Sdy.

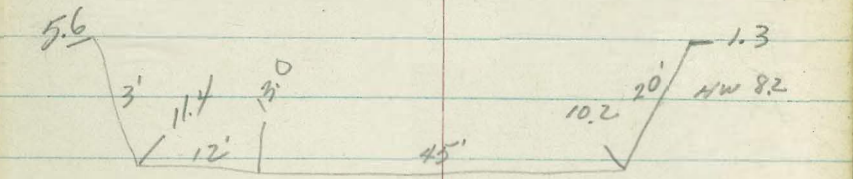
	H.W. Lt	& Bottom	H.W. Rt
400' So.	1.5	5.3	1.9
350' So	1.5	4.9	1.6
330' So.	1.4		
300' So.	0.9	4.9	1.4
250' So.	1.5	4.9	1.1
200' So.	0.9	4.9	1.0
150' So.	0.9	4.2	0.7
100' So. of Bridge	1.2?	4.3	0.5
	Ocean View		
50 So.	0.9?	3.5	0.0

32.4 ⊼



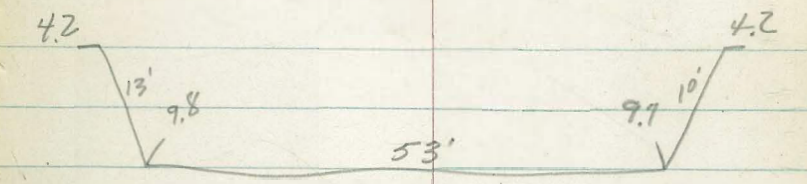


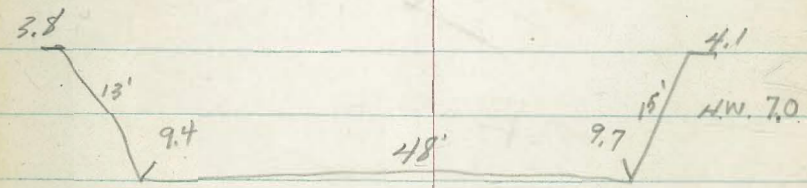


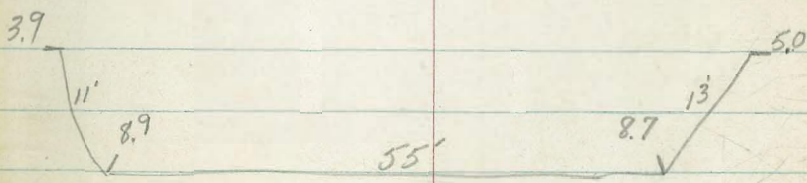


40 ⊼

	H.W. Lt	℄ Bottom	H.W. Rt.
700' So.	2.5	6.6	2.4
650' So.	2.3	6.4	2.5
600' So.	2.4	6.3	2.3
550' So.	2.2	6.0	2.4
500' So. Ocean View Bridge	~~2.7~~ 2.6	5.7	~~2.6~~ 2.1
450' So.	1.9	5.4	1.8
	32.4 ⊼		





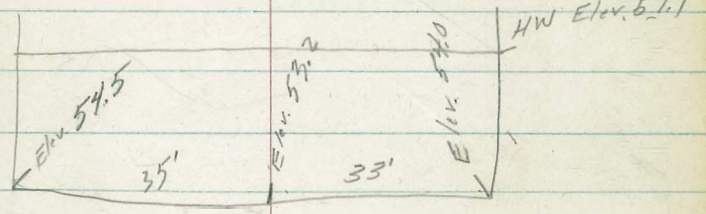


35.8 ⊼

3.7
4.5
3.2
3 | 11.4 | 3.8
5

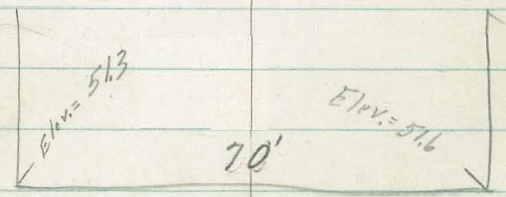
NOTE: SECTIONS BELOW WERE NOT TAKEN AT RIGHT ANGLES TO STREAM FLOW!

Nly Face New Federal Bridge



Cholla Creek

Down stream
Sly Face New Federal St. Bridge



Painted Scale 90' = 59.2' Actual City Datum

$Q = VA.$

$A_1 = 53 \times 3.8 = 198.4$ sq. ft.

$S = .008$

$R_1 = \frac{198}{63} = 3.0$

$Q = 198 \times \left(50 \times 3.0^{2/3} \times .008^{1/2}\right)$

$= 198 \times 100 \times \frac{9}{100}$

$= 1800$ c.f.s

.58 - 1.2

9317

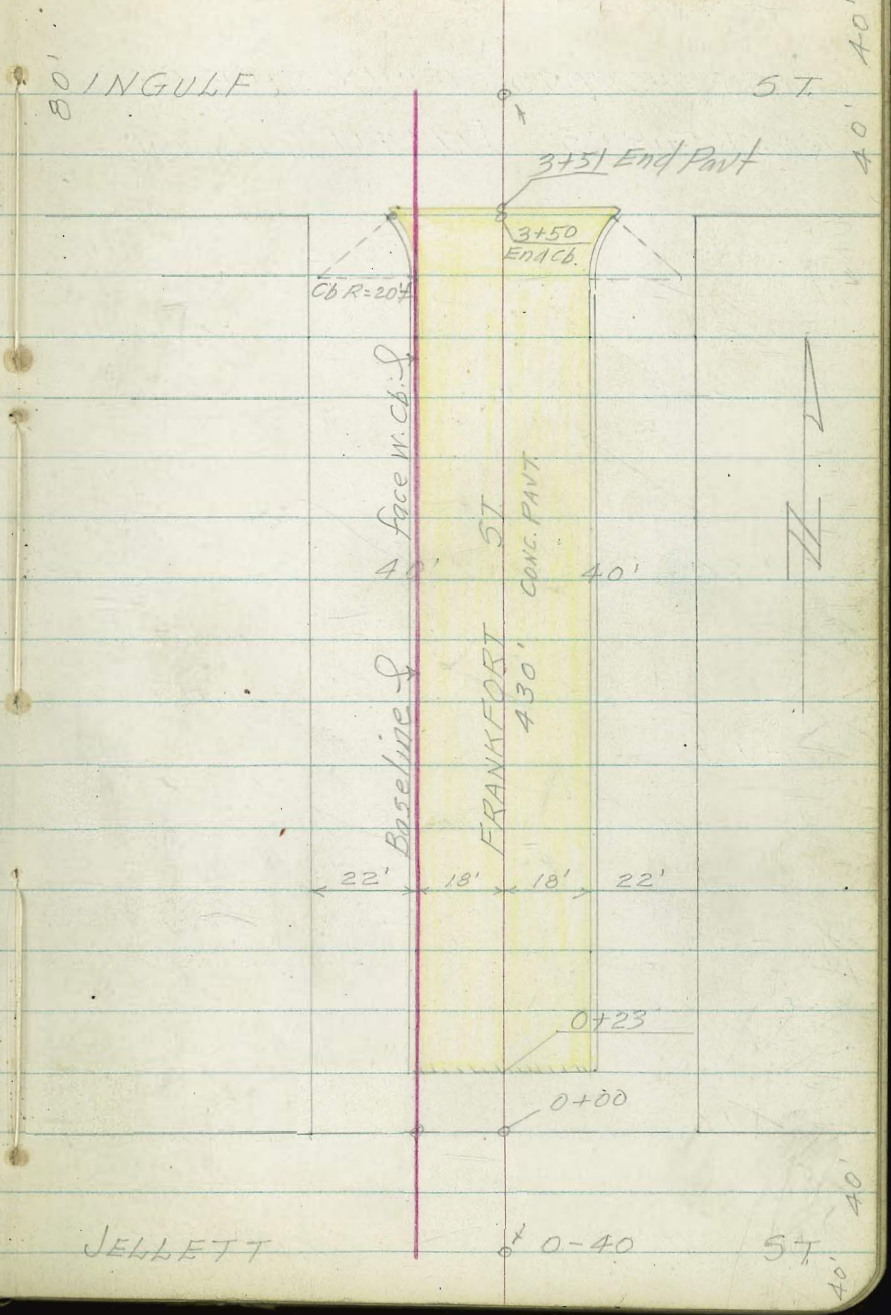
7-8-53

T. A. Stamper 15

CROSS SECTIONS OF WLY SIDE OF FRANKFORT ST. JELLETT TO INGULF

W.O. 20006

Ref. T.P. 1502-50



W.O. 20006

7-8-53

Lt. West.

Stamper
Sisson
Palmer
Sherry

CROSS SECTIONS OF WLY SIDE OF FRANKFORT ST JELLETT TO INGULF

	95.7	97.1	98.5	98.47
0+23 Begin Pavt Sec.	8.4	7.0	5.6	5.67
	20	9.5	5	0
		Toe	Top	
	94.7	96.8	95.6	96.6
0+00	2.4	7.3	8.5	7.5
	25	12	10	0
			93.5	95.1
0+17			10.6	8.0
			25	0
			93.1	96.0
0-22			11.0	8.2
			25	0
			93.4	96.3
0-40			10.7	7.8
			25	0

(From Joyce By Phone)

B.M. +10.79 104.14 93.35

Δ 104.14

Spike in P. Power Pole S.W. Cor Frankfort & Jellett

X-SEC'S FRANKFORT ST. CONT'D

2+00

1+73 ℄ 35' Conc. Walk on Lt.

1+50

1+00

+11.01 114.94

T.P. -0.21 103.93

0+76 ℄ 3' Conc Walk on Lt.

0+50

104.14

Lt. West. ℄ M.C.B. Rt.

103.7	105.1	108.6	109.78
11.2	9.8	6.3	5.16
22	12	6	0
	Toe	Top	cb

102.89
12.05
23.5
Conc. Walk

101.6	102.5	107.2	107.31
13.3	12.4	7.7	7.63
24	14	7	0
	Toe	Top	cb.

98.7	100.2	103.9	104.32
16.2	14.7	11.0	10.62
23	13	6.5	0
	Toe	Top	cb

114.94

98.14
6.00
22.5
Top Conc. Walk

97.1	98.7	100.4	100.73
7.0	5.4	3.7	3.41
20	9.5	6	0
		To	cb

X-SEC'S FRANKFORT ST. CONT'D.

Lt. West.

3+50 North End Curb; Pavt Ends @ 3+51

102.4	104.3	112.6	112.68
12.5	10.6	2.3	2.26
32	22	7	1.6
	Toe	Top	Cb.

3+40 B.C. Curb Lt. (R=20'±)

102.9	104.7	112.7	113.13
12.0	10.2	2.2	1.81
31	21	9	0
	Toe	Top	Cb

3+00

103.7	105.9	112.3	112.70
11.2	9.0	2.6	2.24
30	20	8.5	0.
	Toe	Top	Cb

2+60 ± 55' Comb Walks on Lt.

105.29
9.65
20
Conc Walks

2+30

104.7	106.2	111.3	111.54
10.2	8.7	3.6	3.40
24	14	7	0
	Toe	Top	Cb

2+04 ± 3' Conc Walk on Lt

104.25
10.69
21.5'
Conc
Walk ⊼ 114.94

114.94

X-SEC'S FRANKFORT ST. CONT'D.

Lt. West.

W.C.B. Base Line

B.M. 10.41 93.35 93.35 (See Pg. 16)

+0.84 103.76

T.P. -12.02 102.92

3+85 Toe Section Nat. Gr.

103.2 104.6 108.6

11.7 10.3 6.3

27 20 0

Nat. Gr. Nat. Gr. Nat. Gr.

3+65 Top Bank Sec.

102.8 104.8 112.8

12.1 10.1 2.1

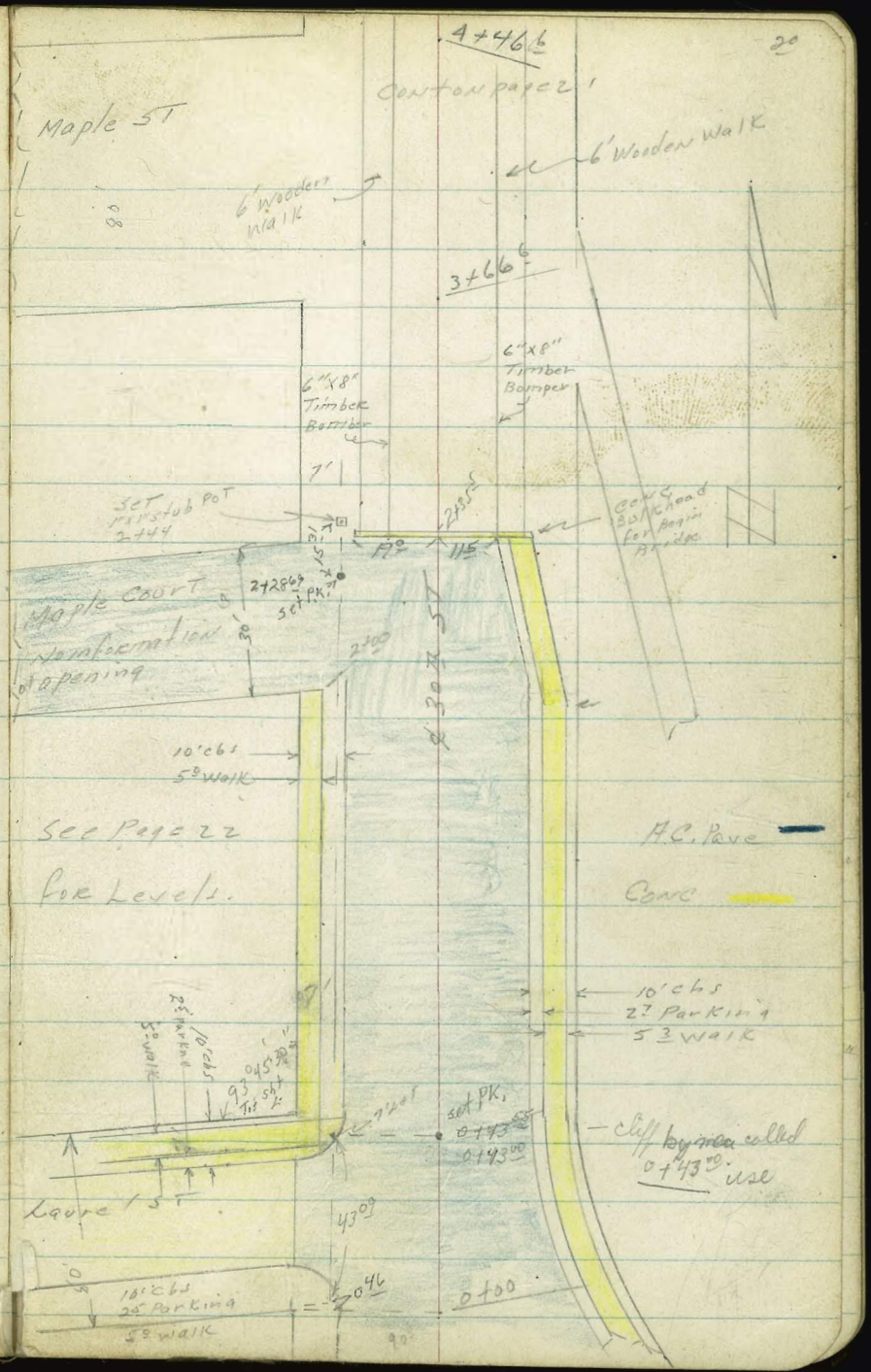
27 17 0

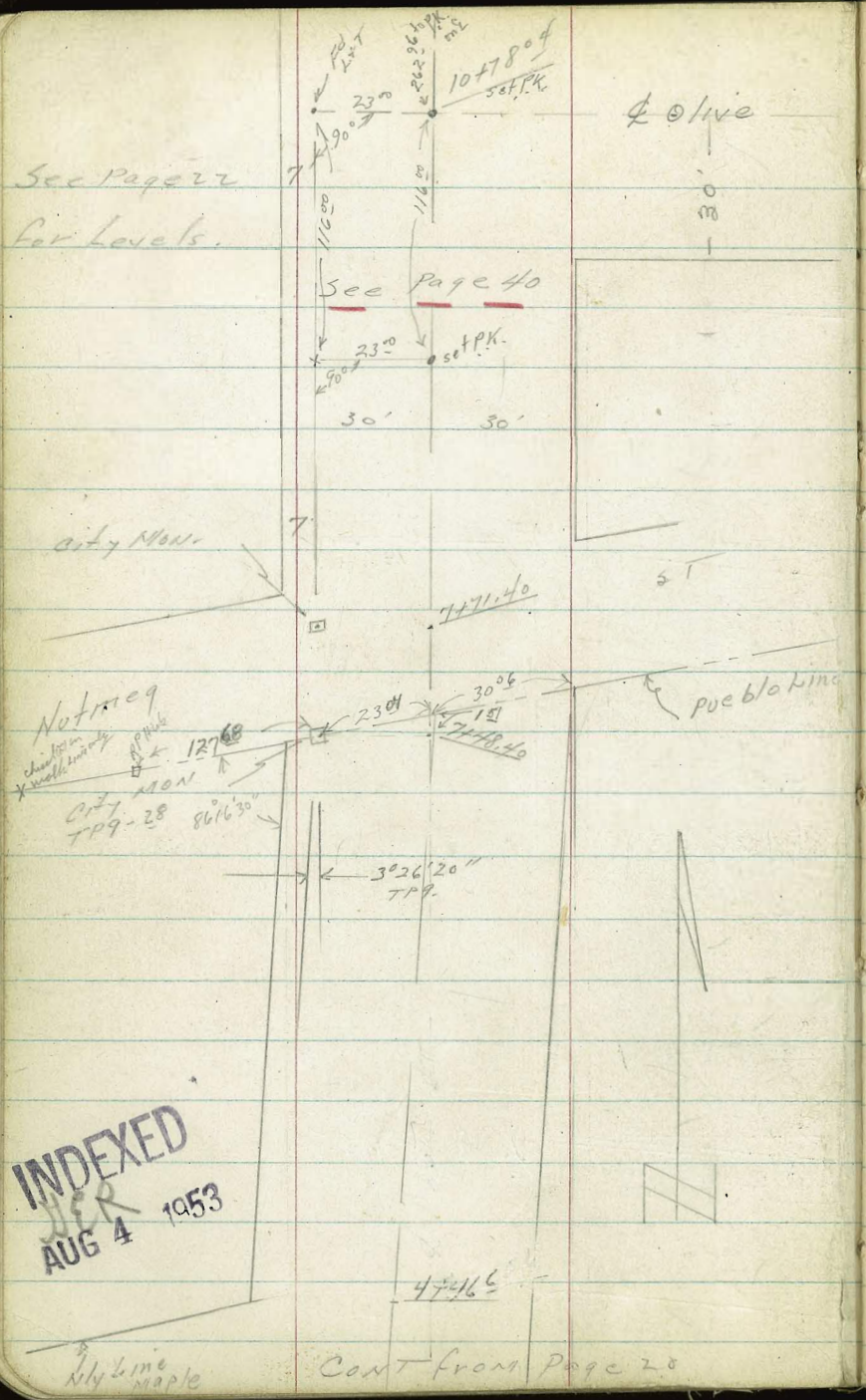
Toe Top

114.94

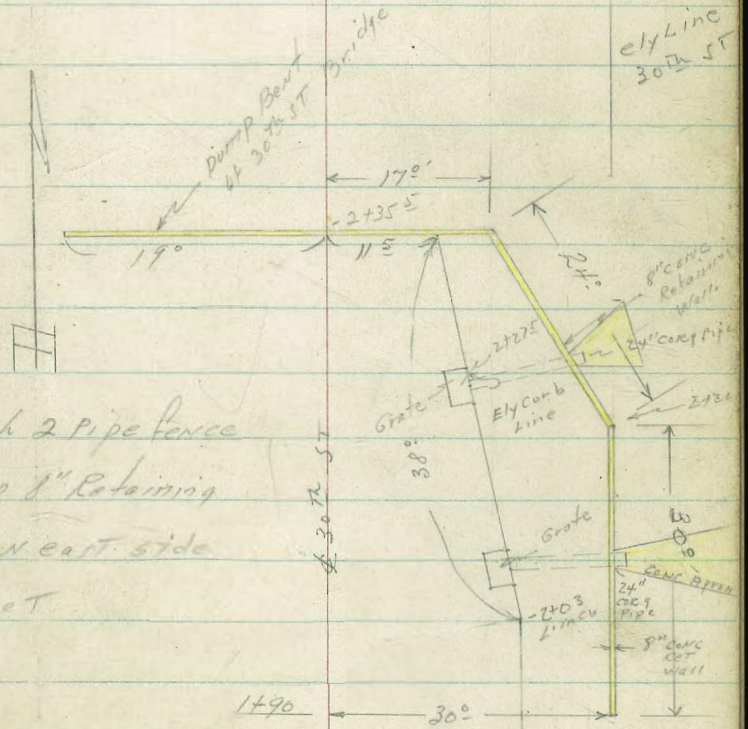
114.94

Cross-section 30th ST - Sly Line
Laurel to west to E Olive ST
Under Switzer Canyon Bridge
WO# 20475 -
7-28-38
C. Allan
D. Sisson
C. Powell
Col. Tie point sheets
- TP Book #9, Page 28
30th ST Bridge over Switzer Canyon is excluded.





Details of 8' Retaining wall on
Ely side 30th ST at bridge approach



3' high 2 Pipe fence
on top 8" Retaining
Wall on east side
street

Grates are backed by a
34" throat starting at
Sta 2+03

X-Sec - 30th - Laurel to Olive

LT = W'ly

℄ 30th

Ct - ely - 22

0+52 - 22° LT = ℄ Deadman

0+50 - 30' LT = begin 4' Concwall 6" Thick

281.56 / 10.5 / 30° Top Wall

283.51 / 5.10 / 30 Back edge walk

282.80 / 5.81 / 20° Cb

282.19 / 6.42 / 20° GUT

282.87 / 5.74

282.18 / 6.43 / 20 GUT

282.54 / 6.07 / 20 Cb

2828 / 5.8 / 30

0+43 - 45° Rt = SW Corner 32° NHS X 35' Elw Stucco Dwelling

281.61 / +1.0 / 45° Floor

0+40 = Nly Curb Line Laurel to West

283.34 / 5.27

282.71 / 5.90 / 20° GUT

283.0 / 5.61 / 20° Cb

283.5 / 5.1 / 30

0+10 = Sly Curb Line Laurel to West

285.08 / 3.53 / 30° cb BC

284.51 / 4.10 / 30° GUT BC

284.19 / 4.42 / 20°

284.85 / 3.76

284.34 / 4.27 / 20

284.08 / 4.53 / 24° GUT

284.55 / 4.06 / 24° cb

285.26 / 3.35 / 34

0+00 = 90° to SW Prop Corner 30th ℄ Laurel

285.41 / 3.2 / 30

285.31 / 3.30 / 20° Cb

284.65 / 3.96 / 30° GUT

285.46 / 3.15

284.32 / 3.69 / 20

284.71 / 3.90 / GUT 28°

285.24 / 3.37 / cb 28°

285.0 / 2.8 / 38

TP.	7.97	288.61	12.28	280.64
BM.	3.21	292.92		289.71

288.61 ±

SEBP Kalmia x 30th ST

X-Sec 30th - Laurel to Olive

1+21 — 70° LT = NW Cor Multiplex Dwelling
38° LT = NE Cor Stucco Multiplex Dwelling
30° LT = NE Cor 3 car garage under Multi Dwelling

1+00 -

0+91 — 30° LT = end 6" Conc Wall - Butts against gar Multiplex Dwelling below
30° LT = SE Cor 3 car garage under

0+85 - 48° Ct = SW Cor 29' N&S x 39° E&W Stucco Dwelling

0+61 — 70° LT = SW Cor stucco Multiplex Dwelling
38° LT = SE Cor

0+60 - 22° LT = ℄ Deadman.

LT = W'ly & Rt = Ely.

281.21
74°
30°
Floor
garage

281.82
6 79
30
Back
edge
walk
also
garage
Floor

280.88
7 73
20°
CB
Lip
Drive

280.67
79 4
20°
Out

281.36
72 5

280.66
79 5
20°
Out

281.15
74 6
20°
CB

281.5
7 1
30°

286.26
2 35
30°
Top
Wall

281.88
67 3
30°
Gar Floor

285.13
288
48 5
Floor

288.61 T

1+50

1+42 - 22° Rt - ℄ 12" Telephone pole # S 5 945/H

1+33 5 30° Rt = Begin 3° high Conc Block Wall

1+33 ° 35° Rt = SW Cor 39° Stucco Dwelling NHS * 20° EdW

1+29
- 65° LT = SW Cor Multiplex Dwelling
- 37° LT = SE Cor Multiplex Stucco Dwelling
- Multiplex Dwelling (Stucco) Above
- 30° LT = SE Cor 3 car garage under

1+24 5 22 2 LT = ℄ 12" Power pole # 2538

1+22 - 48 5 Rt = ℄ Single garage Attached to Stucco Dwelling

LT Ahead

280.83 — 7 78 — 30° Backedge Walk

279.79 — 8 82 — 20° to Nocb IN Drive

279.79 — 8 82 — 20° Out

280.86 — 7 75 — 30° Floor garage

℄ Rt = Cly. 2

280.56 — 8 05 — 20° Out

279.82 — 8 79 — 20° Clo

280.32 — 8 29 — 30°

280.6 — 4°

285.05 — 3 56 — 35° House Floor

282.61 — 6.00 — 48 5 Floor gar

288.61 ↑

X-Sec 30th - Laurel to Olive excluding 30th St Bridge over Switzer canyon.

1+90 - 30° Rt = begin 8" Conc Retaining Wall for Bridge Approach

1+90 - 20° LT = begin throat for inlet in Wly curb.

TP2	4.57	285.21	7.97	280.64

1+90 - 22° Rt = ℄ Powerpole (12") # 559452

1+89 - 71° LT = NW cor stucco Multiplex Dwelling (House Not Parallel to Street)

1+89 - 41° LT = NE cor stucco Multiplex Dwelling

1+78 - 35° Rt = ℄ single garage attached to house

1+72 - 30° Rt = end 3° high Conc block Wall.

1+69 - 39.6 LT = Ely wall stucco Dwelling

1+69 - 35° LT = Jog in stucco house

1+61 - 30° LT = begin 4° high Conc wall. 8" thick. stucco Multiplex Dwelling house continues

1+61 - 30° LT = end 3 car garage under

LT = Wly

280.47 / 47.4 / 20° Top coat Throat

279.51 / 5.70 / 20° gutter at Throat

℄ Rt = c/l 9.4 5-0 ground 284.77 2758 25

280.30 / 4.91 / 28° Backside Walk

279.06 / 5.25 / 30° Top Wall

278.2 / 7.0 / 30° Ely ground at wall

285.21 ✓

281.43 / 7.18 / 35° garage floor

280.84 / 7.77 / 30° garage floor

288.61 ✓

2+03 5 20° Rt = begin 34' throat for inlet

2+03 - Ely Curb angles to Wly.

Canyon on East -

2+02 - 20° Lt + 20° Rt = ℄ at gutter 2 5 x 2 5 grates for inlets - Drains to

2+01 5 20° Lt = end curb

2+00 - 30° Lt = NW cor Walk + End 4' high Conc Wall 8" thick
25° Lt = NE cor end 5' Walk
No information on opening
approx Skyline Maple Court

1+98 1 23 3 Lt = ℄ New style St. Sign post

1+98 - 20° Lt = gutter at ℄ 3 5 x 2 2 grate over curb inlet

Lt = Wly ℄ Rt = Ely 24

279.35
5-86
20°
gut.

280.35
4-86
20°
Top
curb.

277.21
8-00
20°
IE

278.45
5-76
20°
grate

279.44
5-77
20
grate

276.46
8-75
20
IE

280.34
4-87
20°
gut.

20°
Ch

279.43
5-78
20°
grate

28 5 21

X-Sec 30 Tz - Laurel to Olive

LT = Wly ℄ Rt = Ely.

2+27.5 — 13.5 Rt = gutter at grate

24" Pipe through Retaining Wall - empties on Concrete apron Just East of East edge wall.

279.73	274.36	270.5
5.49	10.86	15.2
13.5 grate	13.5 IE	21.0 Beyond 24" Drain

245.2
40°
76
Bottom Canyon Coming in from South East

279.94	265.1	251.8
5.28	20.1	27.4
30 Top RetWall drain-disapr.	30 Grdy sidewall	50

See Sketch page 21

2+20 = 30° Rt = angle point in Retaining wall

282.44	280.12	279.70	280.29	274.96	280.47	280.32
2.78	4.50	5.43	4.93	5.76	4.75	4.90
50 AC Maplect	30 AC Maplect	20 AC Maplect		16.5 Gut Throat	16.5 CL	24 Back edge walk

TP3 4.64 285.22 4.63 280.58 — 285.22 T

2+08 — 17.5 Rt = gutter at grate for inlet

279.46	273.53
5.75	11.68
17.5 Gut Grate	17.5 IE.

285.21 T

X-Sec 30T = - Laurel to Olive

21 5 Rt = ℄ 12" Anchor pole # D28743T.

76 8 LT = SWly Cor stucco Apt.

2+44 { 34 8 2T = S.E. Cor two unit apt. stucco.

2+38 - 30 8 LT = S.E. Cor steps to upstairs Apt

Ely 1/2 house apartment over two car garage - Wly 1/2 house ground floor Apt

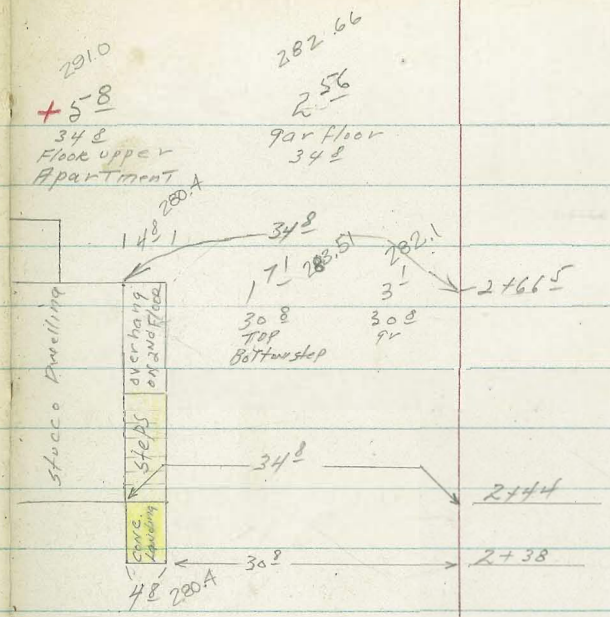
17 0 Rt = end 8" Conc Retaining Wall.

25 5 LT = ℄ 18" Power pole # R2568.

2+35 5 { 19 0 LT = Wly end Bulkhead pier beginning bridge - End curb on Ely

Section taken on top A.C. Pave - Roadway.

LT = Wly & Rt = Ely.



244.1
41 1
72
℄ Canyon
from S.E.

267.9
17 3
17 0
ground
east side wall

260.2
2 5-0
30

282.5
2 7
50

281.8
3 4
30

280.04
5-18
19 0
Wly end
Bulkhead

280.17
5 05
11 2
Wly edge
Roadway

280.21
5 0'

280.17
5 05
4 UP

280.72
4 50
11 2
CL

280.13
5 09
17 0
Top 8"
Retwall
or Same.

285.22 T

X-Sec 30th St - Laurel to Olive

2+77 = ℄ Timber bent 4-12"x12" timbers supports

2+67 - 33° LT = Lin timber bulkhead. Lwly -

2+66.5 - 34.8 LT = NE. Cor Stucco Dwelling - 4.8 above overhang

2+57 = ℄ Timber bent - 4-12"x12" supports.

TP4	1.81	273.87	12.86	272.36

2+55.5 - 33° LT = Begin 3"x12" timber bulkhead

To hold Fill under house - held in place

12" Pole piles Driven on Ely side

LT = NWly ℄ Et = Ely - 29

252.5 + 8.6 = 50

236.4 37.5 67° ℄ canyon From SE

242.9 31° 80

250.1 23.2 100 on slope

282.6 + 8.7 = 33° Top Bulkhead NWly

275.8 + 1.9 33° Ely ground at bulk head

274.6 + 0.7 30

273.3 3.6 19

264.1 9.2

258.1 10.8 21°

252.6 21.3 33

241.4 32.5 47 Toe canyon

282.4 2.8 34° ground at East Wall of Stucco House

282.4 2.8 33° Top of bulkhead

282.3 2.9 33° Ely ground at bulkhead

273.87 ✓

285.22 ✓

X-Sec 30 Rt - Laurel to Olive.

Lt = W'ly ℄ et = elg 31

261.27 ±

TP5	0.49	261.27±	13.09	260.78

243.4 — 30½ — 70 on slope

259.9 — 14° — 100

3+17 - ℄ timber bent - 4-12" x 12" Timber support

228.7 — 45½ — 40 Toe BOTTOM Canyon from SE.

231.9 — 42° — 58 Toe BOTTOM Canyon from SE

3+07 - ℄ timber bent - 2-1

℄ West and continues 15'

3+05 - 43° Lt = ℄ in timber bulkhead

282.2 + 8½ = 50

282.0 + 8' 43° Top Bulkhead

271.8 2' 43° Ground East of bulkhead

264.6 9⅓ 30

249.6 24⅔

243.6 30⅓ 15

243.0 30 9 25

241.4 32½ 30

2+97 = ℄ Timber bent - 4-12" x 12" timber Supports

282.1 + 8½ = 50

281.9 + 8° 37.1 Top Bulkhead West Ground same.

235.5 38½ 61 BOTTOM Canyon from S.E.

252.9 21° 100 on slope

2+80

273.8 0¼ 37½ Ground East side Bulkhead

270.8 3¼ 30

264.1 9⅝ 19

251.4 16⅝

252.2 21⅞ 17

247.9 26° 28

245.8 28¼ 30

273.87 ±

X-sec 30th - Laurel to Olive

18" Steel Pipe down ℄ street

3+65 -

TP6	1.32	249.38	13.21	248.06

3+37 - ℄ Bent - steel piers with timber A top

3+30

Lt = West ℄ Creek 31

249.4 0.0 135

244.4 5.0 + 257.0 7.6 + 265.3 15.9 100 (6.0, 80)

258.9 + 9.5 100 ON Nose Canyon Slopes N'ly + W'ly.

249.4 0.0 67

235.4 14.0 30

234.7 14.7 23 6 W'ly Bank creek from SE

231.2 18.2 Toe creek

221.1 20.3 4 ± Bottom Creek from SE

220.9 28.5

221.1 28.3 8 Toe Creek

230.0 19.4 30

235.0 14.4 40

249.38 ±

245.1 16.2 75

279.0 2.3 100

249.8 + 8.5 70

255.5 5.8 40

250 11.3 30

246.1 14.6 23

237.6 23.7

237.1 28.6 23

228.2 33.1 36 Bottom Creek from SE.

235.3 26.0 50

261.27 ±

X-30 Tr - Laurel to Olive

Rain on 7-29-53 ↓ ℄ T →

4+40 ←

4+39 - = ℄ Bent - Steel piers timber top

4+31 - 25 ± LT = ℄ Sewer Manhole

TP8	0.35	223.35	13.21	223.00
4+00				
3+94 - Creek from SE Crosses ℄ 30 Tr S.T				
TP7	0.16	236.21	13.33	236.05

202.9 201.5 201.0 206.7
175 22 4 16 1
150 100

210.1 LT = W/y 217.1 218.7 221.4 ℄ ET = e/y 201.8 325
13 3 10 5 6 3 42 2 0 21 6 + 31 8
75 5 3 40 30 48 75
212.8 219.49 246 255.2

3 86
rim

223.35 T

232.4 262.2
38 + 26 0
100 90

234.6 231.8 225.6 224.4 222.9 216.6 221.2 232.2 240.2 257.5
11 5 0 10 6 11 8 13 3 19 6 15 0 4 0 + 13 0 + 21 3
75 56 39 29 18 5 ℄ 30 67 80
Bottom Creek

219.9 219.9
18 3 16 3
Bottom Creek IE 18" Pipe ℄

236.21 T

239.38 T

X-sec 30th Laurel to Olive — Lt = Wly — ℄ — Rt = Ely

201.5
21^{9}
200

203.0
20^{4}
162.0
Nly Top Bank Main E+W creek

4+90
200.1 / 23^{3} / 150 — Nly Toe Bank Main Creek
201.4 / 22^{0} / 135 — Bottom Main E+W creek
202.4 / 21^{0} / 108 — Toe Bank Sly Side Bottom E+W creek
207.6 / 15^{8} / 103 — Top Sly Bank Main E+W creek
208.1 / 15^{3} / 83
205.4 / 18^{0} / 80
208.8 / 14^{6} / 60
213.3 / 10^{1} / 30
215.7 / 7^{7} / 23
219.6 / 3^{8}
227.9 / $+4^{5}$ / 30
232.4 / $+9^{0}$ / 26
244.4 / $+21^{0}$ / 100

4+50
201.9 / 21^{5} / 175
202.1 / 21^{3} / 150
206.3 / 17^{1} / 100
210.6 / 12^{8} / 75 — Nly Bank Creek
216.7 / 6^{2} / 40
218.4 / 5^{0} / 30
224.4 / $+1^{0}$
234.0 / $+10^{6}$ / 24
246.0 / $+22^{6}$ / 48
256.9 / $+33^{5}$ / 75

202.4 / 21^{0} / 175
203.1 / 20^{3} / 150
204.4 / 19^{0} / 100 — Bottom creek
205.6 / 17^{8} / 75 — Bottom creek

4+45
208.6 / 14^{8} / 53 — Bottom Creek
216.6 / 6^{8} / 40.0 — Top Creek Bank Flowing Wly
218.4 / 5^{0} / 30.0
226.0 / $+2^{6}$
231.4 / $+13^{0}$ / 24
248.9 / $+25^{5}$ / 48
260.2 / $+36^{8}$ / 75

223.35 T

X-Sec 30th Laurel to Olive

Lt = w'ly

℄ Rt = c'ly

34

5+80 - 128° Rt = ℄ Manhole

5+80 = ℄ graded road to east - access for House to east.

	210.1	206.6	204.7	204.4	203.8	202.3	203.7	204.0	207.0	209.2	211.0	213.9	220.1	
5+70	6°	9⁵	11⁴	11⁷	12³	13⁸	12⁴	12¹	9¹	6⁹	5¹	2²	+4⁰	
	200	150	125°	75	55 Top Bank Main Creek	41 ℄ Main creek	33 Top Bank Main Creek	30		30	60	100	150	
	209.7	206.1	204.7	204.0	204.0	202.5	204.6	205.9	208.0	211.9	215.2	222.8	227.3	
5+60	6⁴	10°	11⁴	12¹	12¹	13⁶	11⁵	10²	8¹	4²	0⁹	+6⁷	+11²	
	200	150	125°	75	61° Top Bank Main Creek	44 ℄ Main creek	35 Top Bank Main creek	30		30	60	100	150	
	201.9	203.1	202.3	201.9		202.3	205.6	208.6	214.1	220.1	226.1	231.3	238.6	
5+25	14²	13°	13⁸	14²		13⁸	10⁵	7⁵	2°	+3°	+10°	+15²	+22⁵	
	200	140	90 Mystic Creek Bank	70 ℄ Main E&W Creek		50 Sly Toe Main creek Bank	50 Top Sly Bank Main E&W creek	30		30	70	100	140	

TP9 5.49 216.14 x 12.70 210.65

216.14 T

223.3 T

X-Sec 30 Ahead - Laurel to Olive

(More North than West)

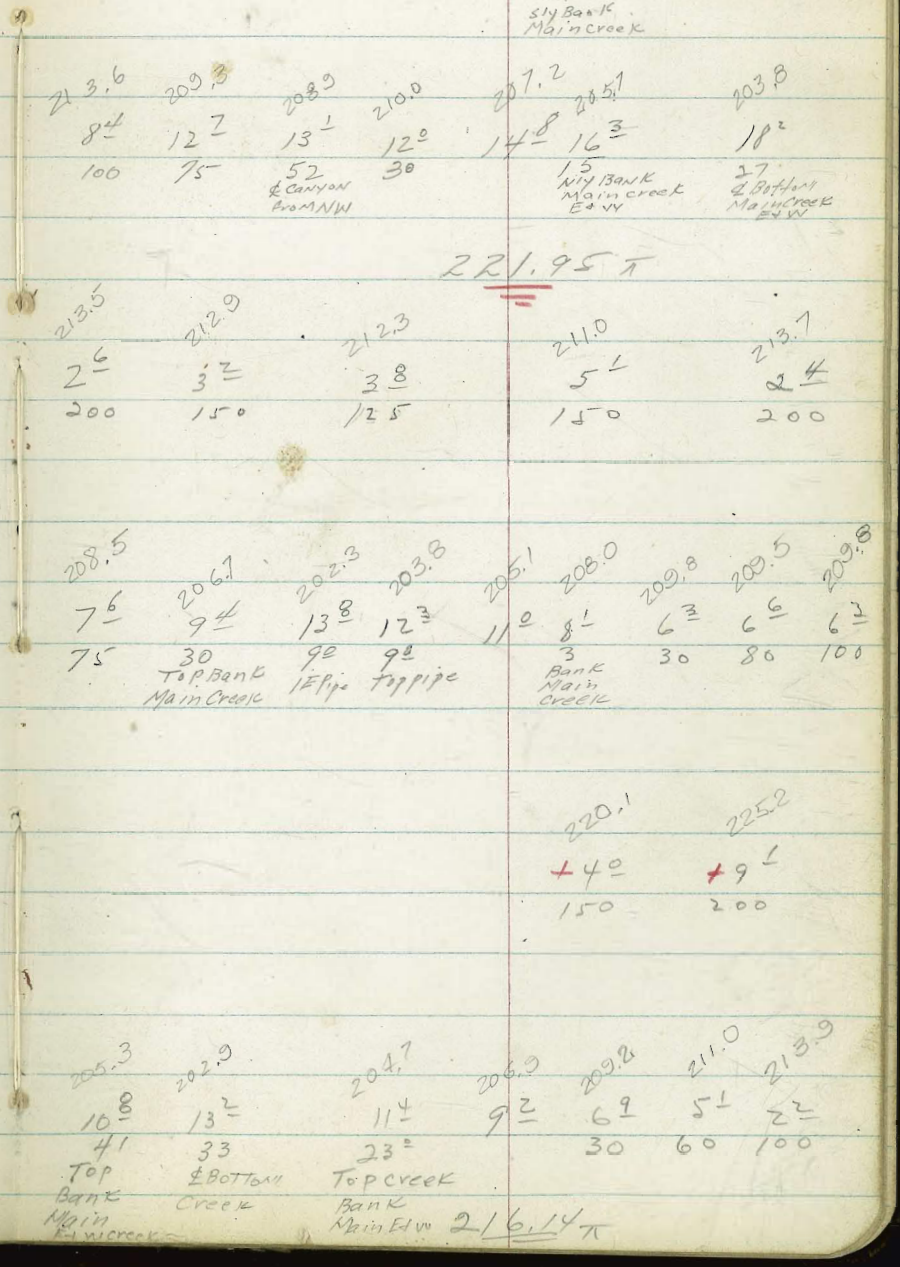
6+40 - 52° Lt = beginning Canyon from North West

TP10	9.17	221.95	3.36	212.78

18" Cast iron pipe exposed - 9' Lt ℄ 30 Ahead St

6+20 - ℄ Main East & West Creek intersects

5+90 -



X-sec 30th Laurel to Olive

7+00-

6+80-

6+43 = ℄ Bent - steel piers with timber supports

℄ LT = w'ly

℄ Rt = e'ly

226.0 +4.0 200

226.4 +4.9 200

229.4 +7.4 150

231.6 +9.6 85

220.5 +7.5 150

223.9 +1.9 100

215.4 6.6 70

211.4 10.6 50 ℄ Bottom Canyon from NW

214.0 8.0 54 Toe Canyon

214.8 7.2 30 48.0 Bottom Creek from N.W.

213.4 8.6 32

217.5 4.5 26

216.9 5.1 19

220.2 1.8 13

221.95 X

208.5 13.5 130.0 Top Bank Main E+W Creek

207.3 14.7 150 in Creek Bottom

223.8 +1.8

224.8 +2.8 24

224.6 +1.5 30

217.0 5.0 58

210.5 11.5 100 Toe of Slope

208.9 13.1 150 S'ly Bank Main Creek

210.6 12.0 200

209.0 13.0 120.0 N'ly Bank Main Creek

206.7 15.3 130.0 ℄ Bottom Creek

232.0 0.0

222.3 +0.3 10

216.7 5.3 30

212.7 9.3 80

X-sec 30th Laurel to Olive

Lt = wly & rt = ely.

TP 12	10.36	241.50	1.07	231.14

241.50 ℄

243.0 + 10.8 150

235.2 + 3.0 100

230.4 1.8 85

226.1 6.1 150

Section taken 90° 00' to back tangent

744.8 4° 90° 60' to Ely 7th Line 30th ℄ Pueblo line

744.5 - ℄ Bent - Steel piers - Timber Upper Supports

241.1 · 11.1 6.5 W/y Bank NW Creek

216.7 15.5 56 Bottom NW Creek

221.0 11.2 30

230.1 1.5

235.1 + 4.5 30

235.8 + 3.6 45

229.2 3.0 80

217.3 4.4 100

744.5 ℄

220.2 2.0 150

220.1 1.5 100

230.8 1.4 85

214.4 17.8 53 Bottom NW Creek

216.0 15.3 30

225.2 7.0

231.2 1.0 30

221.1 11.1 75

220.5 11.1 100

219.5 12.7 150

232.21 ℄

TP 11	11.71	232.21	1.45	220.50

221.95 ℄

On Mon w/y 7th Line 30th St & on PL Line (744.8 to Page 21)

X-sec 30 Laurel to Olive

LT = W'ly ℄ pt - ely.

8+69. ℄ Bent. timber - 4-12" x 12" timbers

8+48. ℄ Bent. Steel piers - timber supports upper

TP3	7.21	248.34	0.37	241.13

248.34 π

8+30

253.0	229.2	228.1	224.1	224.2	233.4	234.7	246.3	255.3	260.9	261.6
+11 5	12 3	13 4	17 4	17 3	8 1	6 8	+4 8	+13 8	+19 4	+20 1
130	100	90	88	75	41	30		30	70	110
ground at East Wall New house			Brk	Bottom NW Creek						

House is Roughly 42' N+S x 25° F+W.
Under construction 80% Complete.

8+00 - 130' LT = SE COR 2 story frame House.

253.6	250.1
+12 1	+8 6
130°	130°
Floor House	Ground ely Wall house

242.1	242.50
+0 6	+1 0
120	140

7+90

247.0	224.3	220.5	218.8	223.2	227.2	237.6	245.5	241.1	244.4
+5 6	17 2	21 0	22 7	16 3	14 3	3 9	+4 0	+5 6	+2 9
125	76	66	57	43	30		30	48	100
			Bottom NW Creek						

241.50 π

X-Sec 30 Th - Laurel to Olive

Conton Page 41

239.1
18.6
125

9+48.6 = 93' Lt = end 30" corg pipe drain from inlets N'ly end bridge
= 51 y side Bulkhead pier for bridge

TP 14 11.22 257.73 1.83 246.51

9+46 - See Red Figures Page 42

	255.3	250.5	251.9	
9+20	+2.0	8.8	10.4	
	140	120	110	

9+09 - ℄ Timber bent - 4-12" x 12' timbers

9+06 - See Red Figures page 42

8+90 - 3' Lt ℄ 18" cast iron pipe exposed

8+89 - ℄ Timber bent - 4-12" x 12' timbers

	247.3	235.0	233.1
8+70	1.0	13.3	15.2
	125	103	93

Lt = w'ly ℄ Rt = e'ly 39

234.7
23.0
180
Bottom Creek

235.8
21.9
IE 30" corg pipe 9 3=

263.2 261.5 263.4 267.5 274.9 281.5 282.0
4.5 +3.8 +5.7 +9.8 +17.2 +23.8 +24.3
62 34 20 19 30 50
Rim Canyon

257.73 x

230.9 235.6 250.6 256.9 261.3 271.4 281.8 281.6
17.4 12.7 +2.3 +8.6 +13.0 +23.1 +33.5 +33.3
96 75 30 14 30 42 100
Bot Tom NW Creek Rim Canyon

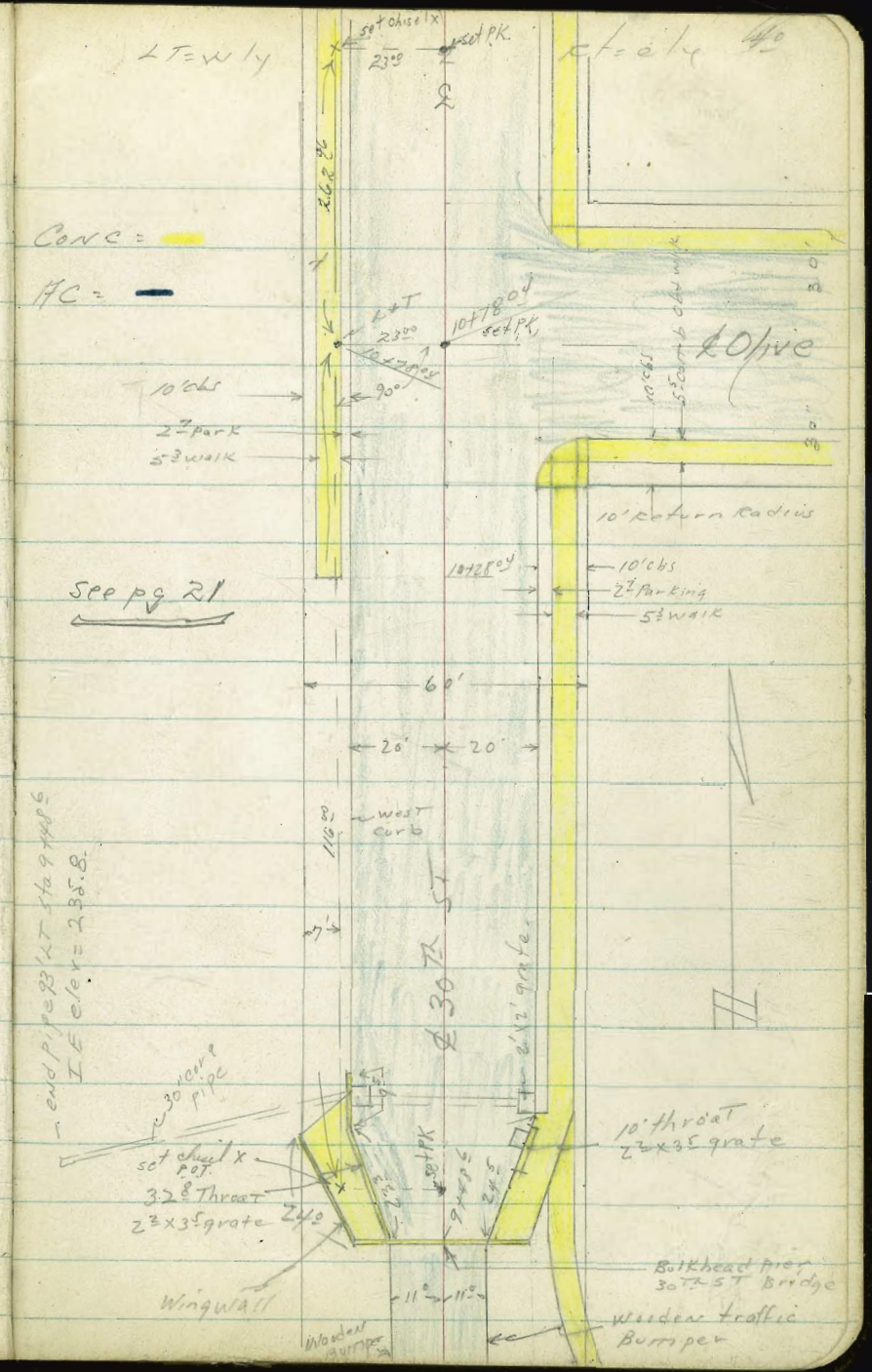
247.0 236.9 236.7
1.3 11.4 11.6
125 114 102

230.3 234.6 239.0 247.8 246.1 256.1 280.8 280.9
18.0 13.7 9.3 0.5 2.2 +8.1 +32.5 +32.6
74 57 30 3 15 45 100
Bottom NW Creek Top Creek Bank Top 18" pipe Rim Canyon

226.4 236.3 238.9 248.0 253.3 261.3 281.2 281.3
21.9 12.0 10.4 0.3 +5.0 +13.0 +32.9 +33.0
78 45 30 13 30 46 100
Bottom NW Canyon

248.34 ∩

X-Sec 30th Laurel to Olive



X-Sec 30th St - Laurel to Olive

9+48.6 Section taken on top Bulkhead pier

T.P.7	4.89	284.76	1.35	279.87
T.P.C	12.38	281.22	0.30	268.84
T.P.5	11.50	269.14	0.09	257.64

2T: W14 & Et: Ely 4!

234.1 285.8
50 L 49 Rt
100 IE
Bottom 30" Pipe
Creek

253.7 261.5 263.4
31 L 23 R 21 L
62 34 20
Ground

280.0 280.12 279.26
4 76 4 04 4 80
19 Rt 11 Rt 18 Rt
Backedge Walk + Top Bulk-head pier
Top cb
Wingedge AC Bridge out also slythroat

281.49 281.49 282.5
32.7 32.7 2.3
28 Rt 30 on walk 50
Wingedge walk to Dwelling
280.03
4.73
Top Bulkhead

280.0 279.93 280.68 280.02
4 76 4 77 4 14 4 74
Backedge Walk
edge AC. Bridge
Top cb
18 Rt 11 Rt 15 Rt

284.76 ✓

257.73 ✓

X-Sec 30 Laurel to Olive

LT=Wly & Ely 42

9+06 - 71.5 Rt - ℄ Frame house - 30 NYS x 38' EXH

9+46 - 71.5 Rt-℄ Frame house 30'NYS x 38'EXH

283.76
1.10
71.5
Floor

284.68
0.18
71.5
Floor

9+77 - 20° LT - ℄ 2.5 x 3.5 grate for inlet

263.4
21.4
IE

278.96
5.80
20°
grate

9+72 - L in West curb

231.2
47.6
112
Bottom
Creek

240.6
44.2
10.2
Ely Top
Creek Bank

255.1
29.7
8.5

259.5
25.3
6.3

281.2
3.6
3.0

283.3
1.5
5.0

20° Rt = L in curb

9+70 - 30° LT - N Wyend 8" Wing Wall

279.9
4.9
30
gr

279.91
4.85
30°
Top
Wingwall

280.82
4.94
19.5
Top cb

279.14
5.62
19.5
Gut
Throat

280.02
4.74

279.32
5.44
20
Gut on
grate 2'x2

271.38
7.37
20
IE

280.38
4.48
20
Top
CB

280.05
4.71
28
Back
Walk

grate is on N Wyend 10' throat

9+69 - 19' RT - ℄ Grate Curb inlet

279.41
5.35
19°
grate

277.60
7.16
19°
IE

284.76 T

X-Sec 30+75 - Laurel to Olive

Lt = W/4

2 30+75 Rt = c/l

43

16° E of N.

10+62 - 34° Lt = ℄ Frame house 26'N+S x

2830
1 8
34°
Floor

10+28.4 Begin 5 3/4 wide conc walk No+So.

280.06 279.99
4 7 0 4 7 7
28° 22°
SW cor SE cor

10+28 - 21 5/4 Lt = ℄ 18" Power pole # R2798

239.6 251.1 258.8 267.8 281.1
45 33 26° 17° +2 9
130 100 80 62 38°
Bottom Creek Floorhouse

280.1 280.1 279.89 279.44 280.27 279.40 280.04 280.18 281.91
4 7 4 7 4 8 7 5 3 2 4 49 5 2 7 4 7 2 4 5 8 2 8 5
42 30 20° 20° 20° 20° 28° 28°
Rim Canyon cb gut gut Back walk Top wall

10+20 - 38° Rt = ℄ 36'N+S x 29 E+W house

284.02
0 7 4
48°
Floor garage

9+75 - 48 Rt = ℄ single garage (stucco)

284.76

X-Sec 30th - Laurel to Olive LT=W'ly ℄ RT=E'ly 44

			(301.00)	
TP_{20}			3.04	299.96
TP_{19}	9.82	304.00	1.77	294.18
TP_{18}	11.47	295.95	0.28	284.48

BP-SW Cor 30th + Palm.

10+99 - 34° LT = ℄ 36° N45 X 24 E+W Stucco Duplex

283.38
138
34°
Floor
245.8
389
135
Wiytoe Slope to Canyon
253.8
31.0
100

267.4
17.4
75
276.9
7.9
62
Ground Wiyot Wall
279.93
483
62
Top 5" N45 Retaining Wall

10+78 0.4 = ℄ Olive ST to East

281.2	281.5	280.92	280.49	281.16	280.39	280.93	283.81	
3.6	3.6'	3.84	4.27	3.60	4.37	3.83	0.95	
30	28° Back Walk	20 Ct.	20 Out		20	30	65	ON AC Pave

284.76 ℄

Ties are from T.P book 9-

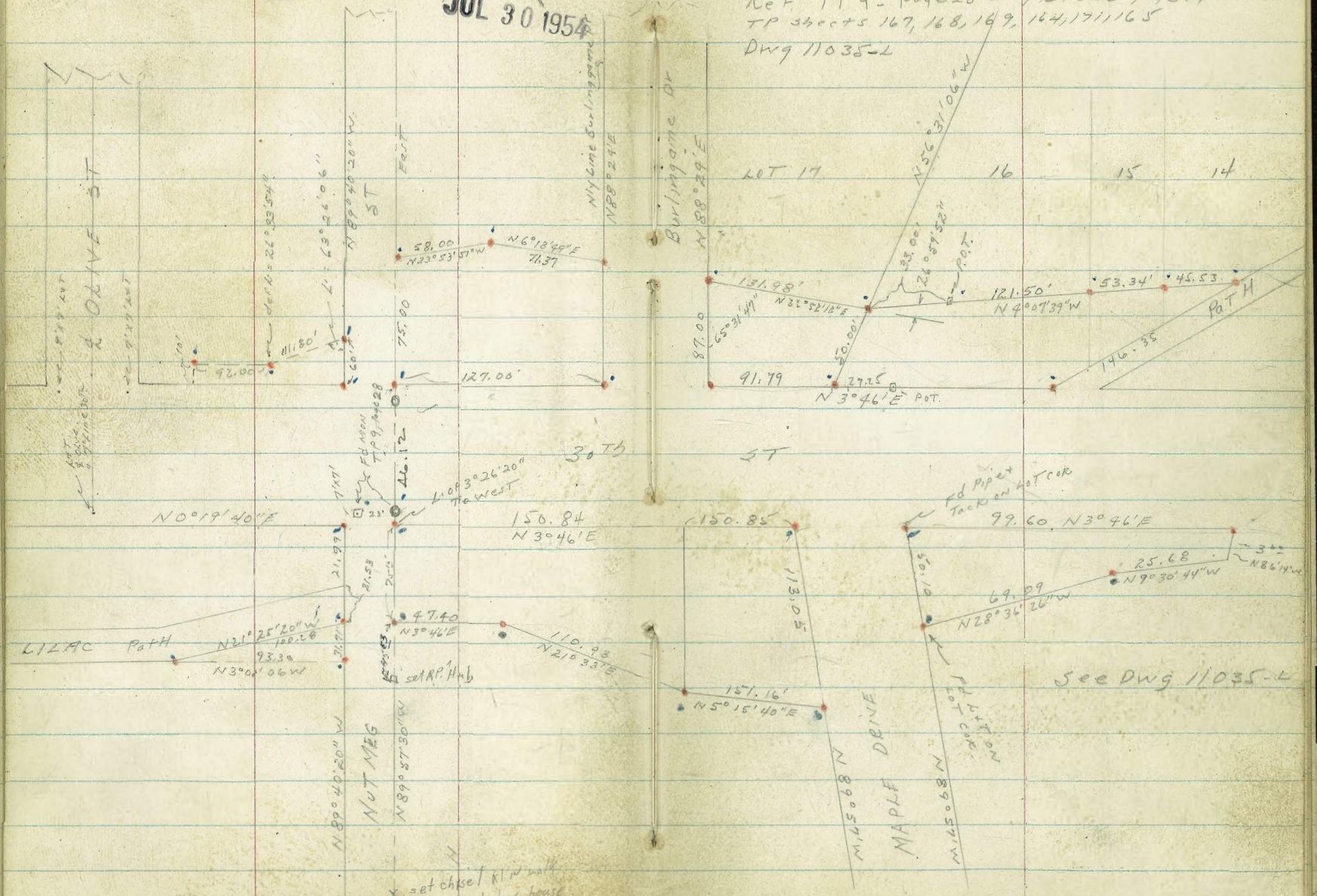
= 2"x2" redwood Hub + Disk set

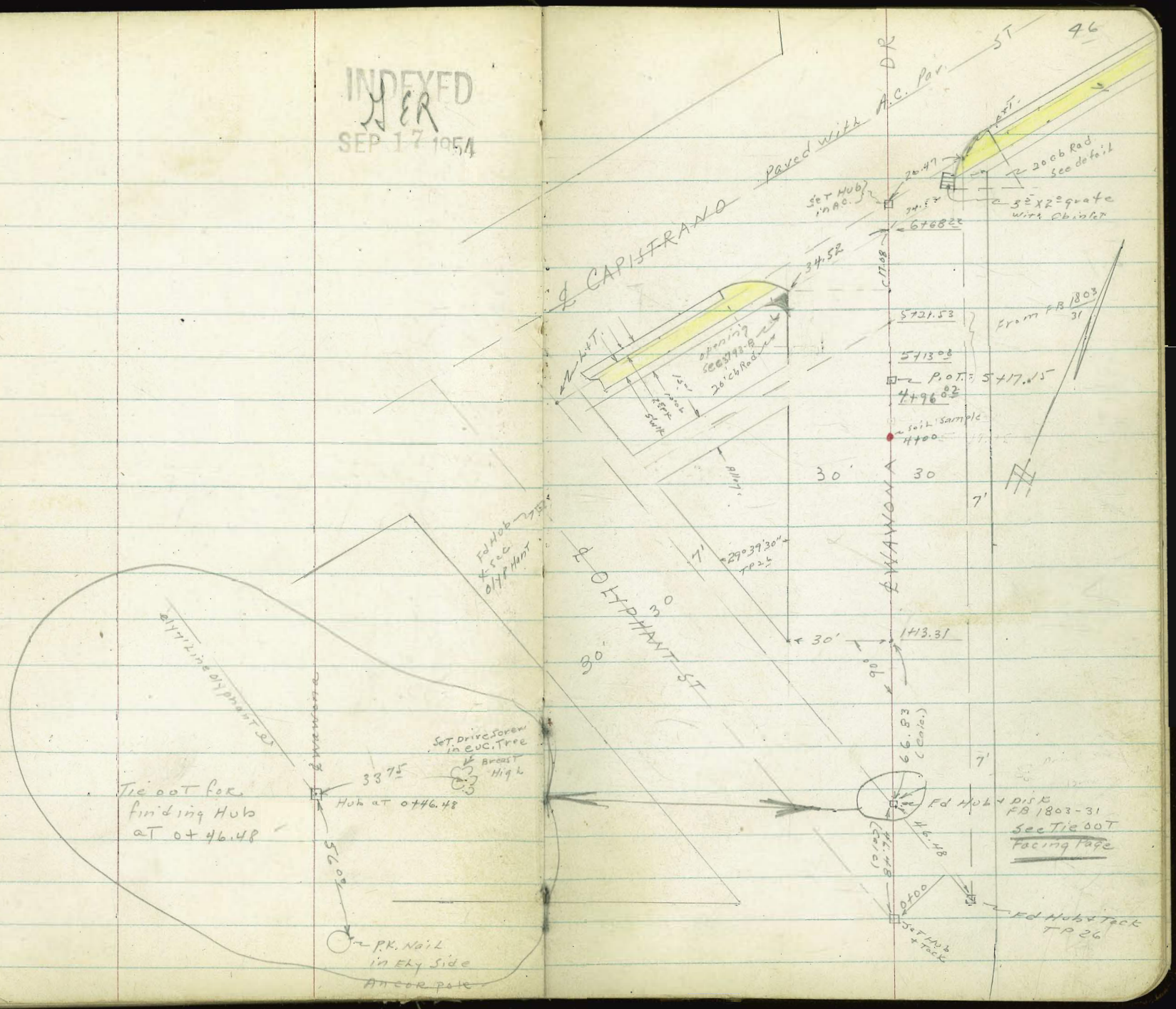
INDEXED
JER
JUL 30 1954

Property to be acquired for replacement of the 30th St. bridge between Laurel + Olive St.

Ref: TP 9 - page 28 — FB 1620 page 14 et al-
TP sheets 167, 168, 169, 164, 171, 165
Dwg 11035-L

45





X-Sec Wawona Drive - & Olyphant St.
Capistrano St
See Sketch page #6

0 – 05 ± 31.6 LT = NWly cor Clove & Olyphant.

0 – 07 – 21° RT = & 10" Anchor pole # 582425-H-

0 – 25 – 21° RT = & deadman.

0 – 45 – 18.2 RT = 10" power pole – #1871

0 – 55 – 16.4 LT = & Fire Hyd.

Section taken along Line Clove

0 – 57 ± = Sly Line Clove St produced to & Wawona Produced

See Osborn's X-sec of Olyphant St.

TP2	10.39	95.43	11.15	85.04
TP1	12.96	96.19	0.79	83.23
BM.	12.32	84.02		71.70

LT = W'ly & Wawona Drive RT = Ely. #7

95.8 93.7 91.0 89.1 87.7 83.9 85.1 78.9

+0.4 1.7 4.4 6.3 7.7 11.5 10.3 16.5 Falls Rapidly To Walnut

36 34 15 15 25 Wash 28 50

95.43

0+46.48 page #6

ON 2"x2" Hub & Wawona Dr + ELy 7' Line Olyphant

SELy 7' LT Wawona Dr + Capistrano St.

NLy BP Poe + Capistrano

X-sec Wawiona Cont.

LT = Wly & Wawiona Dr RT = ely. 48

0+75 -

89.0	89.1	88.8	85.8	86.0	86.0	81.0	80.6	80.4
6 4	6 3	6 6	9 6	9 4	9 4	14 4	14 8	15 0
50	30	23	8	10 Top Fill	22 Toe Fill	30	39 gr at Wly of House	

also X-sec Olyphant
For detail on House see FB 1803-P 32

80.4	80.6
15 0	14 8
36 gr at Wly of House	36 Floor House

0+70 - 36 5 RT = ℄ Frame House

0+65 - 31 2 RT = ℄ 12" Euc. Tree

0+51 - 32 9 RT = ℄ 18" Euc tree.

91.8	90.0	88.4	88.5	87.2	85.2	86.0	81.4	80.8	77.8
3 6	5 4	7 0	6 9	8 2	10 2	9 4	14 0	14 6	17 6
50	37	36	30	12	13 Top Fill	23 Toe Fill	30	40	

0+50

93.3	90.1	89.7	87.8	87.7	86.1	84.5	84.8	82.4	81.5	77.7
2 1	5 3	5 7	7 6	7 7	9 3	10 0	10 6	13 0	13 7	17 7
50	30	24	23	15	13	17	23	30	50	

0+25

all sections 90° to ℄ Wawiona

Section 90° to ℄ Wawiona Dr

92.8	90.4	88.6	86.8	86.9	85.3	82.7	81.2	77.5
1 6	5 0	6 8	8 6	8 5	10 1	12 7	14 2	17 9
50	30	20	7	18	22	30	50	

0+00 = intersection ℄ Olyphant + ℄ Wawiona Dr

9 5 43 T

X-Sec Wawona Dr

LT = wly ℄ Wawona Dr RT = ely 49

1470

88.6	89.5	89.2	88.1	86.5	86.8	87.0	73.0	75.1	73.6	67.4
4.0	3.1	3.4	4.5	6.1	5.8	5.6	19.6	17.5	19.0	25.2
50	35	30	24	19	5 Top Fill	23 Toe Fill	30	50	75	

1440.

90.0	88.2	89.0	88.6	86.2	86.6	86.6	73.1	69.4	67.0	61.3
2.6	4.4	3.6	4.0	6.4	6.0	6.0	19.5	23.2	25.6	31.3
50	35	30	25	19	5 Top Fill	30 ON Fill	36 Toe Fill	50	75	

1438 - 34° LT - ℄ Dead man -

1433 - 43.7 LT = ℄ 10" anchor pole #

& Ely Line Olyphant -

1413.3' - 30° LT = intersection wly Line Wawona Dr

89.7	89.8	89.2	86.3	86.5	86.5	76.4	73.7	72.1
2.9	2.8	3.4	6.3	6.1	6.1	16.2	16.9	20.5
50	43	30 P.I. of props.	17		6 Top Fill	23 Toe Fill	30	50

92.56 ↑

TP3 Page 47

TP3 7.52 92.56 10.39 85.04

1400

89.6	89.2	88.8	86.2	86.4	866	77.7	76.2	72.7
5.8	6.2	6.6	9.2	9.0	8.8	17.7	19.2	22.7
50 in Olyphant St	30	25	14		8 Top Fill	21 Toe Fill	30	50

0490 - 20 RT = ℄ 10" Pole - # JP 3460

95.43 ↑

X-Sec Wawona Dr cont

unable to determine depth of Footing at this point.

2+20 - 30.9 LT. ely Conc Block wall-

2+46 - 20.2 RT. ℄ 10" Tel pole # 582380-H

2+45 - 29.8 RT. begin Clay brick wall-

2+25 - 30.9 LT. Ely of Conc. block wall.

Swimming Pool behind This wall.

2+16 - 30.9 LT. begin Conc block wall.

2+00

LT = w'ly

℄ Wawona Dr

RT = ely

50

96.5 96.5 90.2 87.4 87.8 88.2 85.1 84.0 83.8

+3.9 +3.9 2.4 5.2 4.8 4.4 7.5 8.6 8.8

30.9 gr at Wall | 30 | 15 | 11 | 11 Top Fill | 19 Toe | 29.9 gr at Wall | 50

83.6 83.0 86.76

9.0 9.6 5.80

29.8 gr at Wall | 29.8 Foot | 19.8 Top Wall.

74.5 74.3

18.1 18.3

50 | 75

90.7 90.7 88.5 87.0 87.3 87.5 84.0 82.7 82.5 75.1

1.9 1.9 4.6 5.6 5.3 5.1 8.6 9.9 10.1 17.5

30.9 gr at Wall | 30 | 18 | 15 | 10 Top Fill | 18 Toe | 30 | 32 | 46

98.78 88.3 88.9

+6.22 4.3 3.7

30.9 Top Wall- | 30.9 Footing | 30.9 Ground

89.0 89.0 88.6 86.7 87.0 86.9 81.7 79.6 75.9 72.0

3.6 3.6 4.0 5.9 5.6 5.7 10.9 13.0 16.7 20.6

50 | 30 | 22 | 18 | 9 Top Fill | 20 Toe | 30 | 50 | 75

92.56 x

Wawonia Drive

3+00 — 97.1 — 1 2 — 50 in yard

TP4 — 6.10 — 98.33 — 0.33 — 92.23

45° RT = ℄ Single gar. Conc Floor

2+75 — 29 9 RT = ℄ 14 5 Wide Conc drive

2+71 - 29 9 RT: end clay brick wall -

2+63.53 5 RT = ℄ entrance way to frame House

The South should be investigated
Unable to determine depth of footing d/o

2+62 - 30 9 LT = Step down in wall

LT = Wly — ℄ Wawona Dr — RT = ely. — S 1

95.4 — 95.4 — 94.1 — 90.7 — 88.6 — 89.0 — 89.6 — 88.5 — 86.0 — 83.2
2 9 — 2 9 — 4 2 — 7 6 — 9 7 — 9 3 — 8 7 — 9 8 — 12 3 — 15 1
30 5 grat Wall — 30 — 22 — 8 — 6 — 1 — 13 — 15 — 30 — 50

98.33 ℄

Nail on Ely side pole - breast High.
Nail in pole # 42 21 49-H - on RT stat 3+65.

96.2 — 96.2 — 96.2 — 91.2 — 88.1 — 88.4 — 88.8 — 85.69 — 85.67 — 83.72
+3 6 — +3 6 — +3 6 — 1 4 — 4 5 — 4 2 — 3 8 — 6 87 — 6 89 — 8 84
30 9 grat Wall — 30 — 28 — 11 — 8 — 10 — 29 9 Wly of Drive — 30 on Dr — 45° Conc Floor

85.6 — 86.77 — 83.8
7 0 — 5 79 — 8 8
29 9 grat Wall — 19 9 Ftg — 29 9 Top Wall

85.03
7 5 3
5 3 5 Floor Frame House

98.2 — 95.8 — 96.5
+5 6 — +3 2 — +3 9
30 9 Top Wall — 30 9 Footing To North — 30 9 grat Wall

92.56 ℄

X-Sec Wawona Drive Cont

℄ Wawona Drive

LT = wly

RT = ely.

5-2

3+75

3+65 - 20' LT = 10' (Tel) power pole # 422149-H

3+50 - 44' LT = end conc block wall

3+41 - 51' RT = ℄ conc block House — House has Lower Level in back

3+25 - 30' LT = Wall angles to wly — angle point in conc block wall

3+13 - 30' LT = step in block wall -

	101.1	98.9	97.6	94.3	90.9	91.2	91.6	88.2	85.7	81.3
	+2.8	+0.6	0.7	4.0	7.4	7.1	6.7	10.1	12.6	17.0
	50	30	24	9	5		15 Top Fill	21 Toe Fill	30	50

	103.6	100.0	100.7	97.1	91.5	90.0	90.4	90.7	87.5	84.3	82.8
	+5.3	+1.7	+2.4	1.2	6.0	8.3	7.9	7.6	10.8	14.0	15.5
	44' Top	44' Foot	44' Tr.	30	8	6		rt	27	30	50

	83.1	84.5
	1.8'	13.8
	5' gr at House	5' floor

	94.9	96.3	96.3	91.7	91.2	89.5	89.8	90.3	88.7	87.5	83.1
	3.4	2.0	2.0	6.4	7.1	8.8	8.5	8.0	9.6	10.8	15.2
	30' Foot	30' gr	30	15	8	6		15	21	30	50

	98.06	102.89	94.9	95.2
	0.2.7	+4.5.0	3.4	3.1
	30' Top to Sly	30' Top to Nly	30' Foot	30' Ground

98.33

X-Sec Wawona Dr
Cont

LT = w'ly

℄ Wawona Drive

RT = e'ly

5-3

89.0 89.2 84.6
20.2 15.0 19.6
35.5 35.5 35.5
Foot Top Wall ground at Ely of wall

4+75 - 35.5 RT = begin conc block Retaining Wall

105.1 102.1 99.5 96.5 95.2 95.2 95.2 93.6 92.1 88.5 88.2
+0.9 2.1 4.7 7.7 9.0 9.0 9.0 10.6 12.1 15.7 16.0
20 30 15 5 3.5 10 18 30 33 35.5 ground at Wly of Wall

104.23 ℓ

21.4 RT Station 5+24

TP5 7.00 104.23 1.10 97.23 Nail in Telpole # 582379-H (JP3566)

104.8 100.5 95.6 94.0 94.1 94.5 93.3 89.2 84.7
4+50 +6.5 +2.2 2.7 4.3 4.2 3.8 5.0 9.1 13.6
50 30 6 4 7 18 30 50

104.3 100.8 95.7 92.9 93.2 93.2 89.2 87.5 83.7
4+25 +6.0 +2.5 2.6 5.4 5.1 5.1 9.1 10.8 14.6
50 30 8 4 18 Top Fill 26 Toe Fill 30 50

103.1 100.5 96.8 94.6 92.0 92.2 92.8 88.5 87.0 83.6
4+00 +4.8 +2.2 1.5 3.7 6.3 6.1 5.5 9.8 11.3 14.7
50 30 13 8 5 14 Top Fill 25 Toe Fill 30 50

98.33 ℓ

X-Sec Wawona Dr cont

5+36 - 21.4 RT = ℄ dead man -

5+24 - 21.4 RT = ℄ 10" power pole # JP3566

Sewer Runs Ely + Wly -

5+23.5 - 3.1 RT = ℄ Sanitary Sewer Manhole

5+13.08 30° LT at 90° = Nly Cor Alley Blk 8.

45° RT = ℄ entrance way Stucco House
40° RT = wly of conc porch
26.8 RT = ely of ℄ 4' wide steps + wly of walk
5+07 - 22.5 RT = ℄ 4' wide conc steps - wly

For X-Sec of Alley See FB 1803 Page 31

4+96.82 - 20° LT = 9T 90° to ℄ Wawona Sly Cor Alley Block 8.

4+92 - 40.4 RT = end Conc block Retaining wall:

LT = wly

℄ Wawona Dr

RT = ely.

5-4

1	2	6	7	7	7	9	11	12	
102.9	101.4	97.6	96.8	96.7	96.6	94.3	92.8	92.1	
3	8	6	4	5	6	9	4	1	
30	16	4	3		13	25	27	30	House

7	13
96.97	90.79
26	44
3 L Rim MH	3 L I.E.

9	11	12	11	11	
94.58	92.89	91.63	92.43	92.93	
65	34	60	80	30	
22 ℄ Top of steps	26 8 Bottom of Steps + walk	40° Ely walk	40° Wly Porch	45° Floor	

0	1	4	8	8	8	10	11	11	11	
104.0	102.5	99.6	96.1	96.0	96.2	94.0	92.9	92.4	92.3	
2	7	6	1	2	0	2	3	8	9	
30 Sly Cor Alley Lot 8	16	6	3		14	25	27	30	40 grat Porch	

15	16	14	19	
88.3	87.7	89.73	84.4	
9	5	50	8	
40.4 grat wly of wall	40.4 Foot	40.4 Top Wall	40.8 grat Ely of wall	

104.23 T

X-Sec Wawona Cont-

5+69- 24° RT= end Clay brick retaining wall

5+50

5+48- 44' RT= ℄ entranceway Frame House
41° RT= Wly of Conc porch

5+36 - 26° RT= begin Clay brick Wall - Retaining

FOR Details + elevations ON House
ON LEFT See FB 1803-30
Drive encroaches and House is near line

5+36 - 23' LT= ELy CoR Conc Drive

See FB 1803
30

LT=Wly

℄ Wawona Dr

RT=Ely

55

91.0	92.0	91.2	92.02
13'	12'	13°	12.21
24°	24°	25°	25°
Foot	grat Wly Wall	grat Ely Wall	Top Wall

90.6
13.6
44.7
grat
Wly house

102.5	101.8	98.9	96.7	96.6	96.4	93.8	91.9	91.1	90.6
1.7	2.4	5.3	7.5	7.6	7.8	10.4	12.3	13.1	13.6
30	20	8	2		16	23	26 grat Wall	27 grat Wall	30

91.18	91.67
13.05	12.56
41°	44.7
Top porch	Floor

91.6	91.87	91.0	90.8
12.6	12.36	13.2	13.4
26°	26°	26°	26.5
Ground at Wly Wall	Top Wall	Foot	grat Ely of Wall

102.52
1.71
23.1
drive

104.23 T

X-Sec Wawona Dr -

Nail in Power pole
3587 - 25.3 RT
Star 5+84

TP6	7.50	98.73	13.00	91.23

6+00

5+85 - 30° RT = begin 8" Conc block wall -

5+84 - 25 3/4 RT = ℄ 10" Power pole # 3587

5+75

45 5/8 RT = ℄ Single garage - Conc floor

5+73 - 27 3/4 RT - ℄ 8' wide Conc drive

LT = Wly ℄ RT = ely - 57

Wawona Drive

98.73 π

101.2	100.9	100.1	95.3	93.7	93.5	93.5	89.4	88.9	88.4	88.7	89.9	88.3	90.91
3°	3 3/4	4 1/2	8 3/4	10 5/8	10 7/8	10 7/8	14 8/8	15 3/4	15 8/8	15 5/8	14 3/4	15 9/8	13 3/2
35	30	18	2	1	16	25	30 ℄ at Wly wall	31 ℄ at ely		30° ℄ at Ely wall	30° ℄ at Wly wall	30° Foot	30° Top wall -

102.1	101.8	100.9	97.1	95.6	95.7	95.1	91.8	91.41	91.56	91.58	91.41	91.56
2 1/2	2 5/8	3 3/4	7 1/2	8 6/8	8 5/8	9 1/2	12 5/8	12 8/8	12 6/8	12 6/8	12 8/8	12 6/8
35	30	18	2	1	12	25	30 on Drive	45 on Dr		27 3/4 Conc Drive	30° on Dr	45 5/8 gar Floor

104.23 π

X-Sec Wawona Dr Cont

LT = Wly ℄ Wawona RT = Ely 57

See Detail of Returns

also 30° + LT = Sly end Curb Return Swly cor. Capistrano + Wawona

6+51.4 - 90° to old prop Cor. Swly Cor

6+45 - 30° RT = end Conc block Wall -

6+35 - 45° RT = ℄ garage attached to house
Opening thru conc block wall for drive
29.8 RT = ℄ 11' Wide Conc drive

6+25

See FB 1803 - Page 30

For details on Frame house on Left

45° RT = ℄ Entrance way Frame House

6+11 - 39.5 RT = Conc Porch

85.95 85.47 91.6 93.0 87.7 88.7 86.7 88.1 87.8 87.4 85.0

12.78 13.26 7.1 5.7 9.0 10.0 12.0 10.6 10.9 11.3 13.7
30° Topcb Slyend | 30° Gut Slyend c.b. Ac | 24 | 20 | 8 | 1 | 15 | 30 | 40 | 50

88.1 87.6 90.50

10.6 11.1 8.2.3
30° gr of wall | 30° Foot | 30° Top Wall -

97.5 99.0 98.5 97.7 93.2 91.3 89.5 89.4 87.8 88.29 88.28 88.26

1.2 +0.3 0.2 1.0 5.5 7.4 9.2 9.3 8.9 10.4.4 10.4.5 10.4.7
52 | 40 | 30 | 23 | 12 | 1 | 0.5 | 15 | 29.8 Dr. | 30° Dr. | 45° gar. Floor

100.7 97.9 99.2 94.6 92.3 90.9 90.8 91.1 89.2 88.5 88.5 88.3

+2.0 +1.2 +0.5 4.1 6.4 7.8 .7 7.9 7.6 9.5 10.2 10.4
40 | 30 | 24 | 12 | 1.5 | 1 | 15 | 22 | 30 | 30° gr of wall | 40

89.06 89.33

9.67 9.4.0
39.5° Conc porch | 45° Floor House

98.73 T

X-Sec Wawona Dr.

See Detail of intersection Page 60
Section taken on Skew

6+79.73 = 51y Curb Capistrano ℄

34' LT = 51y end cb. Return (Figures 34.52)
22.8 RT = 51y end cb. Ret (Figures 23.01)
This Section taken on Skew along prop ∠ 60°21'
6+68.22 = 51y Line Capistrano

Roughly edge of A.C. Paving Capistrano 5℄
This Section taken at 90° to ℄ Wawona
6+68.22 = 51y Line Capistrano

See details of Cb Returns Page 60

TP 7	4.85	90.56	13.02	85.71

6+62

6+57

LT = w'ly ℄ Wawona Dr. RT = e'ly 58

88.53 88.07 85.17 84.93 84.38 83.88 82.77 81.65 82.58
2.03 2.49 5.39 5.63 6.18 6.68 7.79 8.91 7.98
57.41 57.41 23.01 15 10 23.01 34.67 34.67
Top Cb BC Out BC Cb P.I. Cb P.I. Out BC Top Cb BC

89.7 86.0 85.95 85.47 84.9 84.4 84.0 83.13 84.01 83.3 81.7
0.9 4.6 4.61 5.09 5.7 6.2 6.1 7.43 6.55 7.3 8.9
50 34.52 Prop 34.1 Top Cb 34.1 Out 51y end 15 AC Ac 1.0 AC 22.8 Out 51y end 22.8 Top Cb 51y end 34.52 Prop 60

85.66 84.91 84.4 84.9 86.6 86.7 86.3 84.3
4.90 5.05 6.2 5.7 4.0 3.9 4.3 6.3
30 A.C. 15 A.C. 15 18 30 40 50

90.56 ℄

85.62 84.7 84.7 85.0 85.9 87.1 87.2
13.11 14.0 14.0 13.7 12.8 11.6 11.5
30 A.C. 10 Rough AC 6 13 18 30

85.3 85.0 90.2 89.1 88.2 85.8 85.6 87.9 87.7
13.4 13.7 8.5 9.6 10.5 12.9 13.1 11.3 11.0
30 or Ac. 20 Edge Rough AC 15 8 1.0 0.3 16 30

98.73 ℄

X-Sec Wawona cont

LT=wly ℄ Wawona PV RT=ely 5%

For details of curbs see page 60

Section taken on skew. ∠=60°21'

7+02 74 . Intersection ℄ Capistrano ⊥ ℄ Wawona

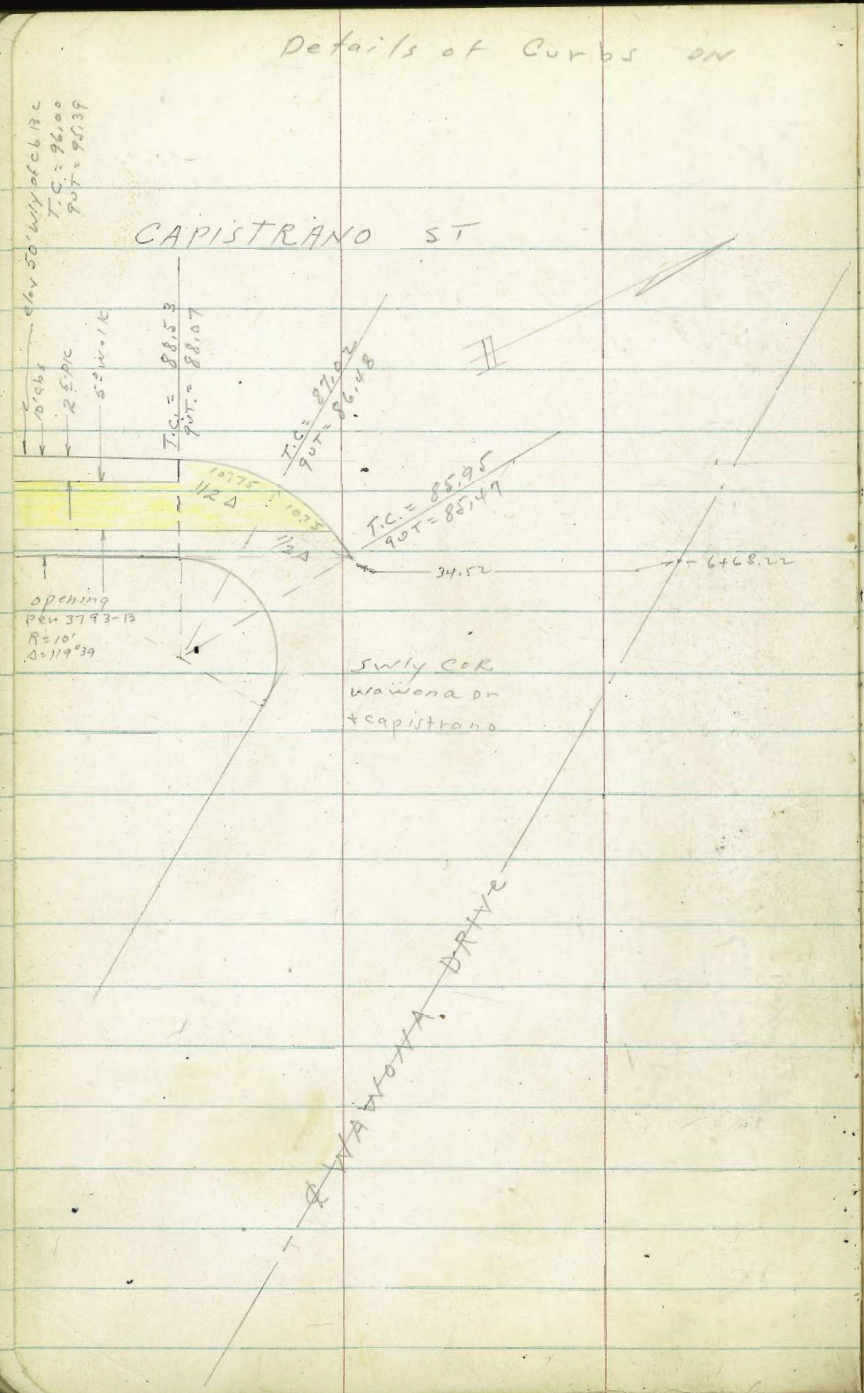
6+85 30 30° Rt a+ 90°. SELy Cor. Capistrano ⊥ Wawona

90.46	86.60	85.10	84.12	83.42	82.67	79.34
0 10	3 96	5 46	6 44	7 14	7 89	11 22
40	50	32		14	23 01	50

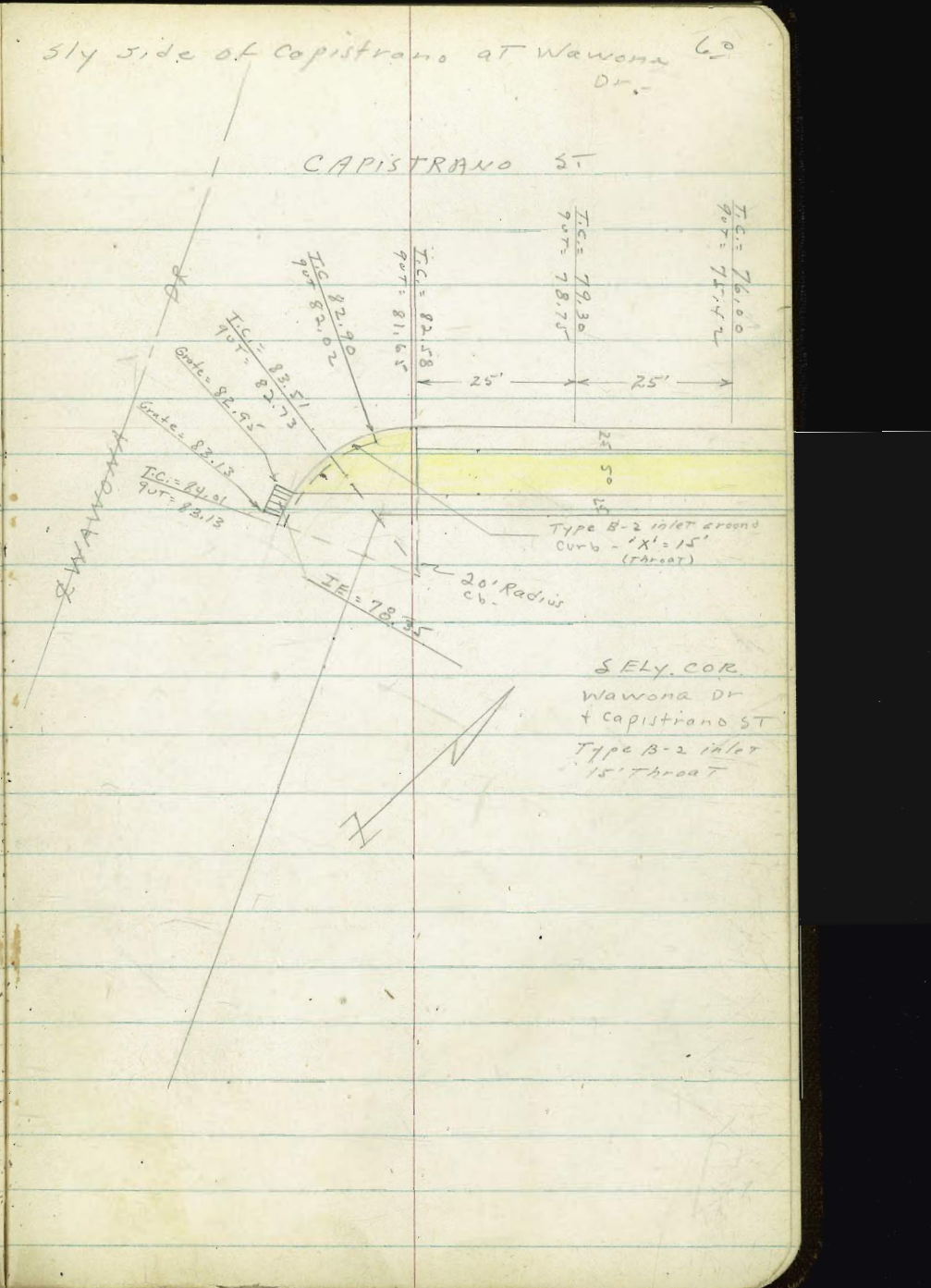
85.35	84.89	84.38	83.87	82.73	83.53	83.2
5 21	5 67	6 18	6 69	7 83	7 03	7 4
30 AC	15 AC	AC	10 AC	208 FUT	208 T.C	30

90.56 ⊥

Details of Curbs on



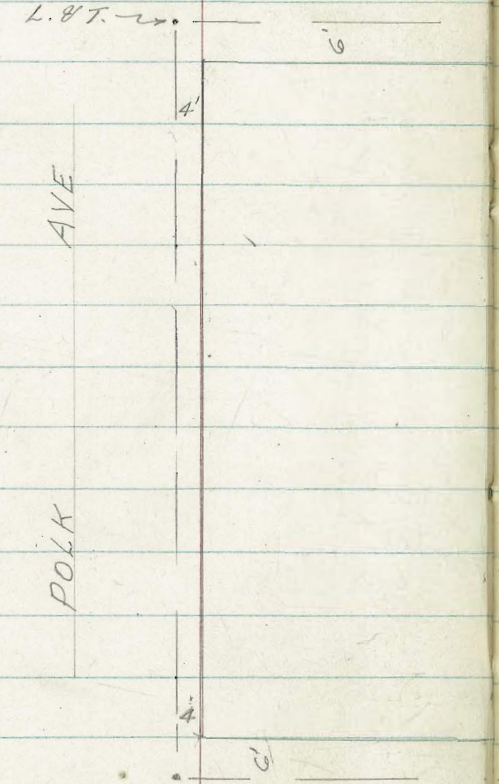
Sly side of Capistrano at Wawona Dr.



INDEXED
MER
FEB 17 1955

CROSS SECTION ALLEY BLK 41 CITY HTS

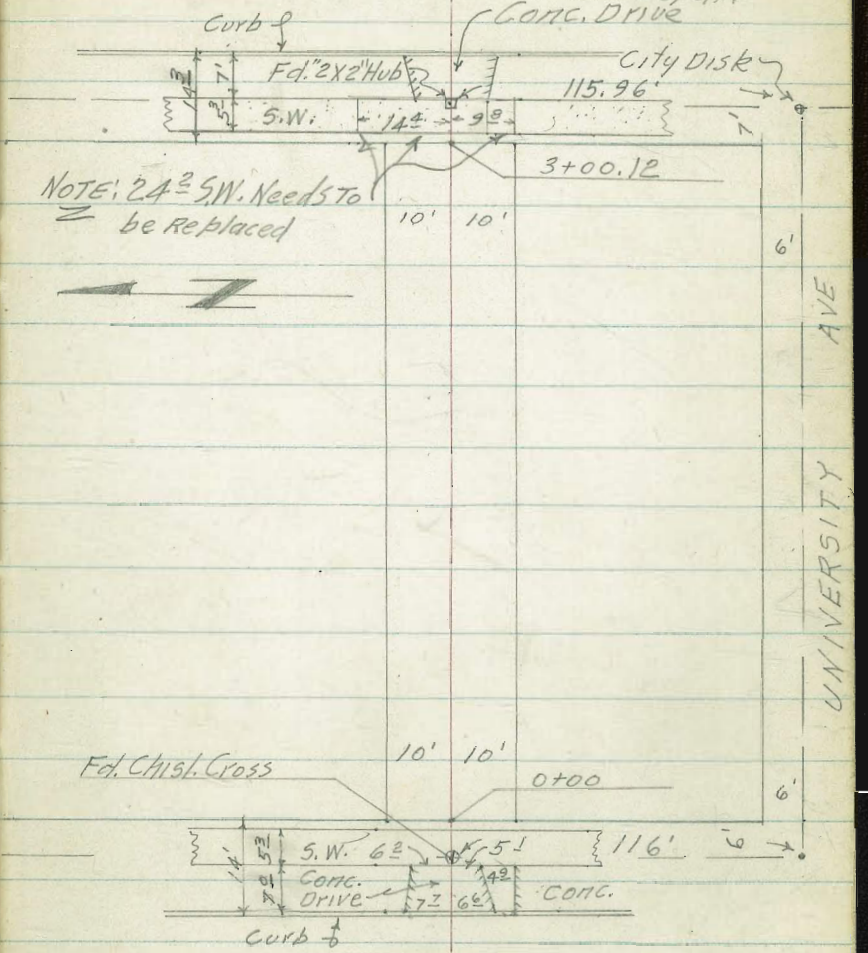
W.O. 32081



T.A. Stamper 61

41-ST. ST.

A.C. Paut Needs Repair
Conc. Drive



CENTRAL AVE

Ref F.B 1756/31 2-09-55

Stamper
Rt. Huffman
Chipman
Sherwood

L1 ℄

CROSS SECTION ALLEY BLK 41 CITY HTS.

NOTE: Notes That are Not duplicated here are checked as O.K. in F.b. 1756

NOTE: for Additional Notes see Fb 1756

Direct Elev Rod Used
Hundreds of feet Omitt

0-01 7 = E. Edge S. Walk

53.20 25 | 53.11 10 | 53.02 0 | 52.98 10 | 52.93 25

0-07 = W. Edge S. Walk

53.11 25 | 53.08 10 | 53.06 6 2 | 53.00 0 | 52.99 5 1 | 52.93 10 | 52.89 25

0-14 = E. Cb. Central

52.96 25 cb | 52.93 25 G | 52.88 10 cb | 52.35 10 G | 52.86 7 1 cb | 52.36 7 2 G | 52.17 0 | 52.25 6 6 G | 52.82 6 6 cb | 52.16 -10 G | 52.81 10 cb | 52.09 25 G | 52.69 25 cb

0-40 = ℄ Central Ave

53.61 75 | 53.36 50 | 53.22 25 | 53.03 0 | 52.88 25 | 52.70 50 | 52.49 75

B.M 351.93

NW BP Univ. & Central

ALLEY BLK. 41

Lt. ℄ Rt.

1+395 - 5 Rt. Begin A.C. Apron

54.52 55.20 54.66
5 10 10
A.C. A.C. - - floor

1+00

54.80 54.3 54.2 53.9 53.4
10 10 0 10 25
on Wall

0+99 - See 1756
33

0+80 - See 1756
33

0+73 See 1756
33

0+59 See 1756
33

0+50

54.65 54.4 54.1 53.9
10 10 0 10
Top Wall @ bldg

0+07 - See 1756
33

0+00 = E. Line Central Ave

53.1 53.1 53.00 53.2
25 10 0 10

ALLEY BLK 41

	Lt.	℄	Rt	
3+00 12				
2+63				
2+93 } 2+80 5 } See 1756				
2+50 End A.C. on Rt.				
2+33 - See 1756				
2+00	54.4 25	54.4 10	54.3 0	54.9 10 Conc. 54.34 18
See 1756				
TP.	55.11 10 Top Wall	55.10 10	55.0	55.13 7½ A.C. 55.37 10 A.C.
1+50	55.09 10 Top Wall	55.1 10	55.0 0	55.06 5 2 A.C. 55.23 10 A.C.
	54.98 10 Top Wall	54.6 10	54.7 0	54.79 5 7 A.C. 55.05 10 A.C.

355.02

ALLEY BLK 41

Lt ℄ Rt

B.M. 351.93 — 351.93 Starting Bench

T.P. 355.02

3+40 12 = ℄ 41-st.

54.93 59.82 54.72 54.63 54.53 54.44 54.35
75 50 25 0 25 50 75

3+14.4 = W. Cb. 41-st.

54.26 53.81 54.21 53.83 54.20 53.84 53.95 53.83 54.18 53.82 54.23
25 25 10 10 8 2 8 2 0 7 2 7 2 10 10
Cb G Cb G Cb G G Cb G Cb

53.70 54.25
20 20
G Cb

3+07 1 = E.E. S.W.

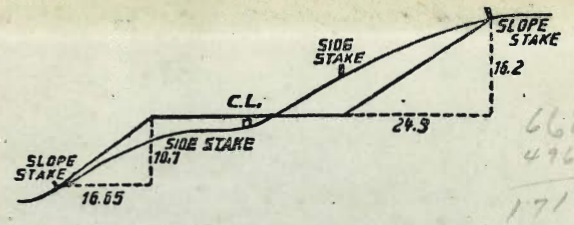
54.35 54.38 54.37 54.33 54.21 54.25 54.39 54.28
25 25 14 5 10 0 6 1 0 4 2 9 8 25
S.W.

3+01.8 = W. Edge S.W.

54.44 54.48 54.44 54.20 54.34 54.34
25 14 2 10 0 9 8 25
S.W. S.W.

ALLEY BLK 41

Lt. & Et. 66



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.20	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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